```
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-142

Query Match

Query Match

Rest Local Similarity 75.0%; Pred. No. 0.00012;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
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Search completed: September 8, 2004, 15:58:35 Job time: 43.85 secs

1 DWVCEFDKLOWVCNVL 16 |||||: |: || |||| 1 DWVCEWLKMQWACNVL 16

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Sequence 27, Appl Sequence 27, Appl Sequence 37, Appl Sequence 37, Appl Sequence 37, Appl Sequence 37, Appl Sequence 40, Appl Sequence 56, Appl Sequence 56, Appl Sequence 57, Appl Sequence 97, Appl Sequence 116, Appl Sequence 116, Appl Sequence 116, Appl Sequence 10, Appl Sequence 76, Appl Sequence 10, Appl Sequence 76, Appl Sequence 10, Appl Sequence 
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                                                                                                                                           September 8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62:106 Million cell updates/sec
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-723-251A-27
US-08-484-135-62
US-08-484-635-37
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US-08-827-570-37
US-08-484-135-78
US-08-484-635-40
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US-08-484-635-56
US-08-484-631-56
US-08-827-570-56
US-09-052-888-97
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US-09-723-890-97
US-09-723-901-97
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                                                                                                 OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                         Gapop 10.0 , Gapext 0.5
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99
1 DWVCEFDKLQWVCNVL 16
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Maximum DB seq length: 2000000000
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Match Length DB
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Perfect score:
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                                                                                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                  Run on:
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Sequence 10, Appl Sequence 10, Appl Sequence 10, Appl Sequence 4, Appli Sequence 1029, Appl Sequence 181, App Sequence 181, App Sequence 181, App Sequence 92, Appl Sequence 528, Appl Sequence 528, Appl Sequence 20, Appl Sequence 12, Appl	ST MOLECULES	Length 21; ; Indels 0; Gaps 0; ONIST MOLECULES
US-08-484-635-10 US-08-844-631-10 US-08-827-570-10 US-08-905-310-4 US-09-428-082B-90 US-09-428-082B-1029 US-09-428-082B-1029 US-08-484-635-1181 US-08-484-635-1181 US-08-484-635-12 US-08-484-635-92 US-08-484-635-92 US-08-484-635-92 US-08-484-635-92 US-08-484-635-92 US-08-484-635-92 US-08-484-635-92 US-08-487-826B-32 US-08-487-826B-32 US-08-487-826B-32 US-08-568-459A-12	ALIGNMENTS  ULT 1  09-337-227C-27  equence 27, Application US/09337227C  atent No. 6420518  ENERAL INFORMATION:  APPLICANT: Clark, Ross G.  APPLICANT: Cochran, Andrea G.  APPLICANT: Cochran, Henry B.  APPLICANT: Realton, Nicholas J.  APPLICANT: Realton, Nicholas J.  TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES  FILE REPERENCE: P1071P2.rev  CURRENT APPLICATION NUMBER: US/09/337,227C  CURRENT FILING DATE: 1999-06-22  PRIOR APPLICATION NUMBER: US 09/052,888  PRIOR APPLICATION NUMBER: US 08/052,888  PRIOR APPLICATION NUMBER: US 08/052,888  PRIOR APPLICATION NUMBER: US 08/052,888  PRIOR APPLICATION NUMBER: US 08/052,852	50; DB 4; Len No. 0.24; smatches 4; WTH FACTOR AGONI
22222222222222222222222222222222222222	ALI  27, Application US/09337227C 27, Application US/09337227C 37, Application US/09337227C 37: Chen, Yvonne May-Yee TT: Chen, Yvonne May-Yee TT: Cochran, Andrea G TT: Cochran, Henry B TT: Skelton, Nicholas J TT: Skelton Nichola	Similarity 58.3%; 7; Conservative WVCEFDKLOWVC 13
28 33 31 33 33 34 44 42 33 34 44 44 44 45 46 47 47 47 47 47 47 47 47 47 47	SULT 1 5-09-337-227C-27 Sequence 27, Application US/09: Sequence 27, Application US/09: Betach to 6.420518 GENERAL INFORMATION: APPLICANT: Chen, Yvonne May-Yv APPLICANT: Chen, Yvonne May-Yv APPLICANT: Cochzan, Andrea G APPLICANT: Cochzan, Andrea G APPLICANT: Cochzan, Henry B. APPLICANT: Robinson, Iain C. APPLICANT: Robinson, Incholas TITLE OF INVENTION: INSULIN-LIFLE OF INVENTION: INSULIN-LIFLE OF INVENTION INSULIN-LIFLE OF INVENTION INSULIN-LIFLE OF ILING DATE: 1999-06 PRIOR APPLICATION NUMBER: US PRIOR FILING DATE: 1999-06 PRIOR FILING DATE: 1999-06 PRIOR FILING DATE: 1999-06 PRIOR PLING DATE: 1997-04-04 NUMBER OF SEQ ID NOS: 51 TYPE: PRT CREATURE: CREATURE: CTANANTANIANIANIANIANIANIANIANIANIANIANIANIANIA	y matc Local Local 2 2 7733-25 7733-25 7733-25 TI NO. LICANI LICANI LICANI LICANI LICANI LICANI LICANI LICANI LICANI LICANI
	RESULT US-09- Seque Seque Result Resu	Quer Best Matc Qy Qy Db Db Scgu- Scg

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                                                                                                                                                                                                                                                                                                                                                                                               4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/484,135

FILING DATE: US/08/484,135

FILING DATE: US/08/484,135

CLASSIFICATION: 514

ATTONNEY/AGENT INPORMATION:

NAME: Didiglio, Frank S

REGISTRATION NUMBER: 31,346

REGISTRATION NUMBER: 31,346

REGISTRATION INFORMATION:

TELEPAK: (516) 742-4343

TELEPAK: (516) 742-4343

INFORMATION FOR SEQ ID NO: 62:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 amino acids

LENGTH: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Johnson, Dana L
APPLICANT: Zivin, Robert A
TITLE OF INVENTION: AGONIST PEPTIDE DIMERS
UNMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
                 CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: US 09/337,227
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-04-04
NUMBER OF SEQ ID NOS: 51
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                               1; Mismatches
                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Sequence is synthesized; Patent No. 6608028
US-09-723-251A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-484-135-62
; Sequence 62, Application US/08484135
; Patent No. 5767078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Frank S. DiGiglio
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A..
                                                                                                                                                                                                                                                                                                                                                        50.5%;
                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial sequence
FILE REFERENCE: P1071P2C1.2Rev
                                                                                                                                                                                                                                                                                                                                     2 WVCEFDKLQWVC 13
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MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: si
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                                                                                                                                               APPLICANT: Wrighton, Nicholas C.
APPLICANT: Dower, William J.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Asabyap, Arun K.
APPLICANT: Joinson, Dana
APPLICANT: Johnson, Dana
APPLICANT: Milliam Y.
APPLICANT: William Y.
APPLICAN
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ZIP: 94105-1492

COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,635
FILING DATE: 07-JUN-1995
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 37,330
REGISTRATION NUMBER: 37,330
REGISTRATION NUMBER: 37,330
REGISTRATION INFORMATION:
TELEPRAK: (415) 543-5040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 45; DB 1;
Pred. No. 1.3;
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Sequence 37, Application US/08484631;
Patent No. 5830851;
GENERAL INFORMATION:
APPLICANT: Wrighten, Nicholas C. APPLICANT: Chang, Ray S.
APPLICANT: Kashyap, Arun K.;
APPLICANT: APPLICANT: Jolliffe, Linda K.;
APPLICANT: Jolliffe, Linda K.;
APPLICANT: Johnson, Dana
                             Sequence 37, Application US/08484635
Patent No. 5773569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .;
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INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
T; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                                                                                                                          GENERAL INFORMATION:
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US-08-484-635-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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Gaps

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1 DWVCEFDKLQWVC 13

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APPLICATION NUMBER: US/08/484,135 FILING DATE: 07-JUN-1995 CLASSIFICATION: 514
    PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Frank S. DiGiglio
STREET: 400 Garden City Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Didiglio, Frank S
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4346
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEFDKLQWVC 13
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TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Garden City
STATE: New York
COUNTRY: U.S.A..
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TOPOLOGY: li
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Patent No. 5986047

GENERAL INFORMATION:
APPLICANT: Wrighton, Nicholas C.
APPLICANT: Chang, Ray S.
APPLICANT: Kashyap, Arun K.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Malliffe, Linda K.
APPLICANT: Uolliffe, Linda K.
APPLICANT: Unliffe, Linda K.
APPLICANT: Unliffe, Linda K.
APPLICANT: Unliffe, Linda K.
APPLICANT: William Compounds and Peptides That Bind to the TITLE OF INVENTION: Exphropoietin Receptor
NUMBER OF SEQUENCES: 259

CORRESPONDENCE ADDRESS:
APPLICANT: Mulcahy, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the
TITLE OF INVENTION: Brythropoietin Receptor
UNDRER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     45.5%; Score 45; DB 2; Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5; Indels
                                                                                                                                                                                                                             COMPART: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

CURRENT APPLICATION NUMBER: US/08/484,631

FILING DATE: 07-JUN-1995

CLASSIFICATION DATA:

APPLICATION NUMBER: US 08/155,940

FILING DATE: 19-NOV-1993

ATTORNEY/AGENT INFORMATION:
                                                                                                                 ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REPERENCE/DOCKET NUMBER: 16528A-43-1-2
TELECOMUNICATION:
TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             53.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWVCEFDKLQWVC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DYNCREGPLTWVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: ONE PLANTISCO CITY: San Francisco CTTY: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      94105-1492
                                                                                                                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            JS-08-827-570-37
                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-484-631-37
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/827,570
                                                                                      FILING LALE.
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION NUMBER: US 08/484,635
FILING DATE: 07-01W-1995
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1933
ATTORNEY/AGENT INFORMATION:
NAME: GATTEL-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELEPHONE: (415) 543-560
TELEPHONE: (415) 543-560
TELEPHONE: (415) 543-5043
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 anino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Johnson, Dana L
APPLICANT: Zivin, Robert A
TITLE OF INVENTION: AGONIST PEPTIDE DIMERS
CORRESPONDENCES: 93
CORRESPONDENCE ADDRESS:
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ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
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                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Wrighton, Nicholas C.
APPLICANT: Dower, William J.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Johnson, Dana
APPLICANT: Gombounds and Peptides That Bind to the TITLE OF INVENTION: Compounds and Peptides That Bind to the TITLE OF INVENTION: Erythropoietin Receptor NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS: 259
CORRESPONDENCE ADDRESS: SESSIRET: One Market Plaza, Steuart Street Tower CITY: San Francisco STRATE: California
                                                                                                                                         ;
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                                                                                        Query Match

44.4%; Score 44; DB 1; Length 20;
Best Local Similarity 46.2%; Pred. No. 1.9;
Matches 6; Conservative 2; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5; Indels
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,635
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: GATECL MACKOWSKI, Bugenia
REGISTREL MACKOWSKI, Bugenia
REGISTREL MACKOWSKI, 16:28A-43-1-1
TELEPHONE: (415) 543-5060
TELEPHONE: (415) 543-5043
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                    Sequence 40, Application US/08484635
Patent No. 5773569
GENERAL INFORMATION:
                                                                                                                                                                                                          3 DYVCRMGPMTWVC 15
                                                                                                                                                                                 1 DWVCEFDKLQWVC 13
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DYVCRMGPMTWVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWVCEFDKLQWVC 13
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; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-484-135-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 6; Conserva
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                                                                                                                                                                                                                                                                                            RESULT 8
US-08-484-635-40
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RESULT 9

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Sequence 10. Application US/08827570

Patent No. 5986047

GENERAL INFORMATION:

APPLICANT: Wrighton, Nicholas C.

APPLICANT: Chang, Ray S.

APPLICANT: Kashyap, Arun K.

APPLICANT: Johnson, Dana

APPLICANT: Miliam J.

APPLICANT: Johnson, Dana

TITLE OF INVENTION: Compounds and Peptides That Bind to the

TITLE OF INVENTION: Compounds 259

NUMBER OF SEQUENCES: 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ..
                                            GENERAL INFORMATION:
APPLICANT: Wrighton, Nicholas C.
APPLICANT: Dower, William J.
APPLICANT: Cashyap, Arun K.
APPLICANT: Kashyap, Arun K.
APPLICANT: Johnson, Dana
APPLICANT: Mulanson, Dana
APPLICANT: Mulanson, Dana
APPLICANT: Mulanson, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: BATCHLINE
MEDIUM TYPE: DEACHLINE
MEDIUM TYPE: DEACHLINE
MEDIUM SYSTEM: PC-DOS/MS-DOS
MEDIUM SYSTEM: PC-DOS/MS-DOS
MEDIUM SYSTEM: DC-DOS/MS-DOS
MEDIUM SYSTEM: DC-DOS/MS-DOS
MEDIUM DATE: O'-JUN-1995
MEDIUM DATE: O'-JUN-1993
MEDIUM DATE: 19-NOV-1993
MEDIUM DATE: 19-NOV-1993
MEDIUM DATE: 19-NOV-1993
MEDIUM TATCH INFORMATION:
MAME: GATCEL-WACKOWSKI, EUGENIA
REGISTRATION NUMBER: 16528A-43-1-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-560
TELEPHONE: (415) 543-560
TELEPHONE: (415) 543-560
TELEPHONE: (415) 543-5603
INFORMATION FOR SEQ ID NO: 40:
                                                                                                                                                                                                                                                                                                                                                                              STREET: One Market Plaza, Steuart Street Tower CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 44; DB 2;
Pred. No. 1.9;
                                                                                                                                                                                                                                                                                                                                                      Townsend and Townsend and Crew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2; Mismatches
; Sequence 40, Application US/08484631
; Patent No. 5830851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                44.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DWVCEFDKLQWVC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 DYVCRMGPMTWVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 6; Conserv
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APPLICANT: Wrighton, Nicholas C.
APPLICANT: Dower, William J.
APPLICANT: Chang, Ray S.
APPLICANT: Kashyap, Arun K.
APPLICANT: Johnson, Dana
APPLICANT: Johnson, Dana
APPLICANT: William Y.
APPLICANT: William J.
APPLICANT: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 44; DB 1; Length 23;
Pred. No. 2.2;
2; Mismatches 5; Indels
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COUNTRY: USA.
ZIP: 94.105-1422
ZIP: 94.05-1422
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/484,631
FTIING DATE: 07-JUN-1995
FTIING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Townsend and Townsend and Crew
One Market Plaza, Steuart Street Tower
                                                                                                                              PULMASSIEALON: 314
PRIOR ASPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia REGISSTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-5603
INFORMATION FOR SEQ ID NO: 56: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Garret-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-9603
....ск: US/08/484,635
07-JUN-1995
N: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 56, Application US/08484631 Patent No. 5830851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 44.48;
46.28;
             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 07-JUN-19:
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 23 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEFDKLQWVC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3 DYVCRMGPMTWVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 46.2
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , MOLECULE TYPE: peptide US-08-484-635-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend STREET: One Market P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-484-631-56
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APPLICANT: Wrighton, Nicholas C.
APPLICANT: Ower, William J.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Colliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Wulcahy, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the TITLE OF INVENTION: Expthropoietin Receptor
NUMBER OF SEQUENCES:
ADDRESSEB: Townsend and Townsend and Crew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5; Indels
   CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/827,570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELECOMULNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEPRA: (415) 543-5603
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 mmino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/484,635
FILING DATE: 07-UUN-1995
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-484-635-56
; Sequence 56, Application US/08484635
; Patent No. 5773569
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 DWVCEFDKLQWVC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DYVCRMGPMTWVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                              94105-1492
                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-827-570-40
                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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Robinson, Iain C.A.F.
TITLE OF INVENTION: Insulin-like Growth Factor Agonist Molecules
                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Clark, Ross G1
APPLICANT: Clark, Henry B.
APPLICANT: Lowann, Henry B.
APPLICANT: Robinson, Iain C.A.F.
TITLE OF INVENTION: Insulin-like Growth Factor Agonist Molecules NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS: 109
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 34080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WINPAtin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,888
FILING DATE: 31-Mar-1998
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Hasak, Janet E.
REGISTRATION NUMBER: 28,616
REFERENCE/DOCKET NUMBER: P1071P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                       US-09-052-888-97
; Sequence 97, Application US/09052888
; Patent No. 6251865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 97, Application US/09723890
; Patent No. 6608031
; GENEBL INFORMATION:
APPLICANT: Clark, Ross Gl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 97:
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CORRESPONDENCE ADDRESS:
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ZIP: 94080
COMPUTER READABLE FORM:
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650/952-9881
                                       1 DWVCEFDKLOWVC 13
                                                                                                   3 DYVCRMGPMTWVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Amino Acid
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US-09-723-890-97
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                                                                                               임
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APPLICANT: Dower, William J.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Compounds and Peptides That Bind to the ITLLE OF INVENTION: Erythropoietin Receptor NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street Tower CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .;
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                                                                                                                                                                                                                                                                                                          44.4%; Score 44; DB 2; Length 23; 46.2%; Pred. No. 2.2;
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                                                                                                                                                                                                                                                                                                                                                                                 Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
APPLICATION NUMBER: US/08/827,570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REPRENEWE JOCKET NUMBER: 16528A-43-1-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEPAX: (415) 543-6043
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2; Mismatches
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PRIOR APPLICATION:
APPLICATION NUMBER: US 08/484,635
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 56, Application US/08827570
Patent No. 5986047
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWVCEFDKLQWVC 13
                                                                       : 23 amino acids amino acids
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                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                   SEQUENCE CHARACTERISTICS
LENGTH: 23 amino acids
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 6, Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                   STRANDEDNESS
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                                                                                                                                                                                                                                          US-08-484-631-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-827-570-56
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Query Match

43.4%; Score 43; DB 4; Length 18;
Best Local Similarity 40.0%; Pred. No. 2.4;
Matches 6; Conservative 3; Mismatches 6; Indels
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Windpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/723,890
FILING DATE: S-NO. 6608031-2000
CLASSIFICATION NUMBER: US/09/52,888
FILING DATE: 31-MAT-1998
ATTORNEY/AGENT INFORMATION:
NAME: Hasak, Janet E.
REGISTRATION NUMBER: 28,616
REFERENCE/DOCKET NUMBER: P1071P1
TELEPONE: 650/225-1896
TELEPAN: 650/52-9881
INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHRACATENTION:
TELEPAN: 650/95-9881
INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHRACATENTION:
TYPE: Amino Acid
TYPE: Amino Acid
TOPOLOCCY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-09-723-890-97
** Mismatches
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Gaps ·,

Search completed: September 8, 2004, 14:31:48 Job time : 13.3 secs

1 DWVCEFDKLOWVCNV 15 : || |||:| : 2 EMVCRAGPLQWLCEI 16

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9 ; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*

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4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

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11: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

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18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1298764 segs, 315065143 residues
                                                                                                                                                                                                        September 8, 2004, 14:25:19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Listing first 45 summaries
                                                                                                                                    OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                             109
1 DWICNLFKNQWFCDAW 16
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Maximum Match 1008
                                                                                                                                                                                                                                                                                                                                                    US-09-825-517A-134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                    Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Database
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	no i triton			Sequence 134, App	28, 7		Sequence 119, App		Sequence 81, Appl	Sequence 39, Appl	45,	Sequence 48, Appl	Sequence 64, Appl		Sequence 121, App	Sequence 131, App	Sequence 38, Appl	
SUMMARIES	·		US-09-825-517A-57	US-09-825-517A-134	US-09-825-517A-58	US-09-825-517A-53	US-09-825-517A-119	US-09-825-517A-47	US-09-825-517A-81	US-09-825-517A-39	US-09-825-517A-45	US-09-825-517A-48	US-09-825-517A-64	US-09-825-517A-77	US-09-825-517A-121	US-09-825-517A-131	US-09-825-517A-38	
	9	1 2	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
	% Query Match Icaath DB	rengun	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	% Query	MATCH	100.0	100.0	95.4	94.5	8.06	6.68	0.68	86.2	86.2	86.2	86.2	86.2	86.2	86.2	85.3	
	, (	Score	109	109	104	103	66	96	97	94	94	94	94	94	94	94	93	
	Result	NO.	-	73	ю	4	5	9	7	80	Q	10	11	12	13	14	15	

42,	25,		73,	74,	83,	Н	4	129	136	145	79,	m	43,	46,	84, 7	132,	40,	69	71,	98, 7	108,	41,	50,	Sequence 61, Appl	,	89,	92,	equence 99,	Sequence 128, App
09-825-517A	US-09-825-517A-52	US-09-825-517A-62	US-09-825-517A-73	US-09-825-517A-74	US-09-825-517A-83	US-09-825-517A-120	US-09-825-517A-124	39-825-	US-09-825-517A-136	US-09-825-517A-145	09-825-517A	US-09-825-517A-37	- 1	US-09-825-517A-46	-825-	US-09-825-517A-132	825-	US-09-825-517A-69	ŧ	-517A-9	US-09-825-517A-108	-517A-	US-09-825-517A-50	-825-	US-09-825-517A-66	-09-825-517A-8		-825-517A-9	US-09-825-517A-128
11	11	11	11	17	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
85.3	85.3	85.3	ம	85.3	85.3		85.3	85.3	85.3	85.3	84.4	83.5	83.5	83.5	83.5	83.5	81.7	81.7	81.7	81.7	81.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
93	93	93	93	93	(m)	6.6	93	93	63	66	92	91	91	91	91	91	89	89	68	8	89	88	88	88	88	88	88		88
16	17	18	13	20	12	22	23	24	25	26	27	28	29	30	31	(F)		34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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US-00-825-517A-57

US-00-825-517A-57

Sequence 57, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon. Issac J

APPLICANT: Rondon. Issac J

APPLICANT: Rondon. ISSac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PRESS. US/09/825,517A

CURRENT PILING DATE: 2003-03-24

CURRENT FILING DATE: 2000-04-03

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SEQ ID NO 57

INMUBER OF SEQ IS Windows Version 4.0

SEQ ID NO 57

LEMOTH: 16

TYPE: RATIFICIAL Sequence

REATURE:
CORGANISM: Artificial Sequence

REATURE:
COHER INFORMATION: CEA binding polypeptide
US-09-825-517A-57

QUETY MATCh

Best Local Similarity 100.0%; Pred. No. 5.9e-08;
MATCHES 16; CORBETVALIVE

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; Sequence 134, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:

RESULT 2 US-09-825-517A-134

1 DWICNLFKNOWFCDAW 16

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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 16;
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 134
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 3
US-09-825-517A-58
; Sequence 58, Application US/09825517A
; Publication No. US20330203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 [3421.1005-001)
; CURRENT FILING DATE: 2003-03-24
; PRIOR FILING DATE: 2000-04-03
; RIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FRSESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 95.4%; Score 104; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 2.8e-07; Matches 14; Conservative 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-134
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINING PEPTIDES FOR CARCINGEMBRYONIC
TITLE OF INVENTION. ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 109; DB 11;
Best Local Similarity 100.0%; Pred. No. 5.9e-08;
Matches 16; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 53, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 DWICHLFKNOWFCDAW 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWICNLFKNOWFCDAW 16
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US-09-825-517A-53
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LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 119, Application US/09825517A

Sequence 119, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Badner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPREMENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

FRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 16
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APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PRIOR DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47
LENGTH: 16
TYPE: PRI
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                                                                                                                                                                                                                                                                                                                                1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-119
                                                                                                                                                                                                                                                                           Query Match 94.5%; Score 103; DB 11; Best Local Similarity 87.5%; Pred. No. 3.7e-07; Matches 14; Conservative 1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
                                                                                                                                                                                                           ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-53
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SRQ ID NOS: 151
SRQ ID NO 53
LENGTH: 16
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                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                         1 DWICNLFKNOWFCDAW 16
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ORGANISM: Artificial Sequence
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Best Local Similarity 81.23
Matches 13, Conservative
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14; Conservative
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Matches
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016 1 (3411.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89.0%; Score 97; DB 11; Length 16; 93.3%; Pred. No. 2.4e-06; tive 1; Mismatches 0; Indels
                                                                                                          Length 16;
                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
                                                                                                       DB 11; L
. 1.7e-06;
                                                                                                   Query Match 89.9%; Score 98; DB Best Local Similarity 100.0%; Pred. No. 1.7 Matches 15; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-39
                                 ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: CEA binding polypeptide us-09-825-517A-81
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 39
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 39, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                     ; Sequence 81, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 DWVCNLFKNQWFCDA 15
                                                                                                                                                                                            1 DWICNLFKNOWFCDA 15
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                                                                                                                                                                                                                                 DWICNLFKNOWFCDA 15
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Best Local Similarity 93.34
Matches 14; Conservative
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                        FEATURE:
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86.2%; Score 94; DB 11; Length 16; 100.0%; Pred. No. 5.9e-06;

Query Match Best Local Similarity

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US-09-825-517A-48

Sequence 48, Application US/09825517A

Publication No. US20030203415A1

GENERAL INPORMATION:
APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER: OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 48

LENGTH: 16
                                                                                                                                          Sequence 45, Application US/09825517A
; Sequence 45, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 09/541,345
; RIOR PILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 45

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 86.2%; Score 94; DB 11; Length 16; Best Local Similarity 100.0%; Pred. No. 5.9e-06; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        86.2%; Score 94; DB 11; Length 16; 100.0%; Pred. No. 5.9e-06; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 DWICNLFKNOWFCD 14
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1 DWICNLFKNOWFCD 14
                                  1 DWICNLFKNOWFCD 14
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Best Local Similarity
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INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: BINDING PEPTIDES FOR CARC; TITLE OF INVENTION: ANTIGEN (CEA); FILE REFERENCE: DYX-016.1 (3421.1005-001); CURRENT APPLICATION NUMBER: U5/09/825,517A; CURRENT FILING DATE: 2003-03-24; PRIOR APPLICATION NUMBER: US 09/541,345; PRIOR RILING DATE: 2000-04-03; NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASTSEQ for Windows Version 4.0; SEQ ID NO 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Preq. ...
                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                 Score 94;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 131, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                86.2%; Scor.
100.0%; Pre
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Best Local Similarity 100.
Matches 14; Conservative
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Best Local Similarity
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US-09-825-517A-131
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US-09-825-517A-38
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LENGTH: 16
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                               Sequence 64 Application US/09825517A

Sequence 64 Application US/09825517A

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Rondon, Issac J

TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CRA)

FILE REPREMENCE: DXX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 64

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 777, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEC for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   86.2%; Score 94; DB 11; Length 16
93.3%; Pred. No. 5.9e-06;
Live 1; Mismatches 0; Indels
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86.7%; Pred. No. 5.9e-06;
Live 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 121, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWICKLFKNOWFCDA 15
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; APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 93.3
Matches 14; Conservative
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Best Local Similarity
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US-09-825-517A-121
                  US-09-825-517A-64
                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-825-517A-64
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Publication No. US2030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
FRIOR APPLICATION NUMBER: US 09/541,345
FRIOR FILING DATE: 2000-04-03
                                                                             Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               86.2%; Score 94; DB 11; Length 16; 100.0%; Pred. No. 5.9e-06;
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-121
                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: ROLD ISSAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
FURENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-24
RIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-131
                                                   , DB 11; Le.
ο. 5.9e-06;
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; NUWBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-38
Query Match
Best Local Similarity 92.9%; Pred. No. 8.1e-06;
Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Search completed: September 8, 2004, 15:58:35 Job time : 43.85 secs

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Sequence 336, App
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Sequence 27, Appl
Sequence 27, Appl
Sequence 8, Appli
Sequence 8, Appli
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Sequence 2, Appli
Sequence 3, Appli
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Sequence 6404, Ap
Sequence 23, Appl
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Sequence 4, Appli
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Sequence 9, Appli
Sequence 9, Appli
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                                                                                                          (without alignments)
62.106 Million cell updates/sec
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                                                                                           8, 2004, 12:58:43 ; Search time 13.3 Seconds
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Issued Patents_AA:*
.: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
.: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
.: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
.: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
.: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
.: /cgn2_6/ptodata/2/iaa/PackfilesI.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-131-028A-3

US-09-131-028A-13

US-09-198-452A-941

US-09-198-452A-941

US-09-198-452A-941

US-08-530-792D-23

US-08-530-792D-23

US-08-530-792D-23

US-09-732-251A-27

US-09-732-251A-27

US-09-73-251A-27

US-09-73-251A-37

US-09-73-251A-336

US-09-73-251A-336

US-09-73-251A-336

US-09-73-25-336

US-09-128-39-104-336

US-09-128-39-109-6

US-08-949-180-6

US-08-949-180-6

US-08-949-180-6

US-08-35-643B-4

US-08-35-643B-4
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                                                                                                                                                                                                                                                                    389414 seqs, 51625971 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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1 DWICNLFKNQWFCDAW 16
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Match Length DB
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Sequence 17516, Application US/09252991A

Facent No. 6551795
GENERAL INFORMATION:
FALCE OF INVENTION:
FILLE OF INVENTION:
FILE OF INVENTION:
FILE REPERBNER:
FILE REPERBNER:
FILE REPERBNER:
FILE OF INVENTION UNMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
FRIOR PELLON NUMBER: US 60/074,788
FRIOR PELLON NUMBER: US 60/074,788
FRIOR PELLON TOWNER: US 60/094,190
FRIOR FILING DATE: 1998-02-18
FRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17516
FRIOR FILING DATE: 100 NOS: 33142
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1, Appli
3, Appli
4, Appli
37, Appl
17646, A
28027, A
29792, A
                                                                             201, App
201, App
23, Appl
23, Appl
4789, Ap
22389, Ap
3376, Ap
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Sequence 2, Application US/09137223A;
Parent No. 6420525;
GENERAL INFORMATION:
APPLICAMT: Yee, David P
APPLICAMT: Deisher, Theresa A;
TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR;
TITLE OF INVENTION: ZGCL-1
FILE REPERENCE: 97-18
CURRENT APPLICATION NUMBER: US/09/137,223A
CURRENT FILING DATE: 1998-08-19
PRIOR PAPLICATION NUMBER: 06/056,130
PRIOR FILING DATE: 1997-08-19
NUMBER OF SEQ ID NOS: 16
SOUTHWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 478
TYPE: PRI
        US-08-265-967C-3
US-08-305-7908-4
US-09-437-568-4
US-09-252-991A-17646
US-09-252-991A-29792
US-09-135-991A-29792
US-09-135-991A-233
US-09-135-991A-233
US-09-135-991A-233
US-09-129-366-201
US-09-129-366-201
US-09-129-366-201
US-09-129-366-23
US-09-129-36-238-9
US-09-543-681A-6183
US-09-543-681A-6183
US-08-671-978A-7
US-08-671-978A-7
US-08-671-978A-7
US-08-671-978A-7
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50.0%; Pred. No. 87;
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         54 WICHLFANLGTWAOSVAAAW 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 50.0
Matches 10; Conservative
  US-09-252-991A-17516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-252-991A-17516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 2
US-09-137-223A-2
  Query Match
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40.4%; Score 44; DB 4; 38.9%; Pred. No. 98;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 44.5;
Pred. No. 58;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWICNLFKNQW---FCDAW 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   117
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                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-941
                                                                                                                                                                                                                                                                                                                                                                                                                                       40.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 52.69
Marches 10, Conservative
       2 WICNLFKNOWFCD 14
                                         12 WFCGLRGNEFFCE 24
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Matches 7; Conserv
                                                                                             RESULT 5
US-09-198-452A-941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 6
US-09-328-352-6404
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                                                                                             Gaps
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                                                      DB 4; Length 478; 79;
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46.2%; Pred. No. 48;
tive 3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          41.3%; Score 45; DB 3; Length 215;
46.2%; Pred. No. 48;
ive 3; Mismatches 4; Indels
                                                                                           2; Indels
                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Abbott Laboratories
APPLICANT: Mukerji, Fradip
APPLICANT: Leomeal, Steven A.
APPLICANT: Leomeal, Steven A.
TILLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
FILE REFERENCE: 6004.US.Pl
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT FILING DATE: 1998-08-07
FRIOR APPLICATION NUMBER: US 08/064,440
FRIOR APPLICATION NUMBER: US 08/064,440
FRIOR FILING DATE: 1993-05-21
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FASELSEQ for Windows Version 4.0
LENGTH: 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INPORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Abbott Laboratories
APPLICANT: Mikerij, Fradip
APPLICANT: Mikerij, Pradip
APPLICANT: Leonard, Amanda Bun-Yeong
APPLICANT: Chaudhary, Sunita
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
FILE REFERENCE: 6004.US.Pl
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT FILING DATE: 1998-08-07
FRIOR APPLICATION NUMBER: US 08/064,440
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 4.0
                                                      Score 46; DB 4
Pred. No. 79;
5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 13, Application US/09131028A; Patent No. 6287866
                                                                                                                                                                                                                                                Sequence 3, Application US/09131028A Patent No. 6287866
                                                  Query Match
Best Local Similarity 41.7%;
Matches 5; Conservative
                                                                                                                                               322 EWLSSVYKQQWF 333
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Matches 6; Conservative
                                                                                                                           1 DWICNLFKNOWF 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-131-028A-3
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
nes 6; Conserv
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US-09-131-028A-13
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   ) ORGANISM: DOT
US-09-137-223A-2
                                                                                                                                                                                                                                 US-09-131-028A-3
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Sequence 941, Application US/09198452A
Patent No. 6552294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 941
LENGTH: 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6404, Application US/09328352

Patent No. 6562958

GENERAL INFORMATION

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER

TITLE OF INVENTION: BAUMANNI FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: GTC99-03PA

CURRENT APPLICATION NUMBER: US/09/328,352

CURRENT FILING DATE: 1999-06-04

NUMBER OF SEQ ID NOS: 8252

SEQ ID NO 6404
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Patent No. 5972680

GENERAL INFORMATION:

APPLICANT: Knowles, W. J.; Guralski, D.; Haigh, W.; Letsinger, J. T.;

APPLICANT: Clairmont, K.; and Hart, J.

TITLE OF INVENTION: Glucose Transporter Vesicle Aminopeptidase

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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CITY: West Haven
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Patent No. 6420518
  SOFTWARE:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Bayer Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: complete amino acid sequence for GTVap, long version in IDENTIFICATION METHOD: translation from cDNA US-08-530-792D-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LIBRARY: Clontech rat skeletal muscle cDNA library in lambda LIBRARY: gtll and mRNA isolated from rat skeletal muscle CLONE: 12.1 (from lambda gtll library), PCR product clones 5, CLONE: 334, and KC44.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
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46.7%; Pred. No. 3.2e+02; 7; Indels
                                                      COMPUTER VERDABLE FORM:
MEDIUM TYPE: 3.5" diskette, 1.44 Mb Storage
COMPUTER: Dell Windows 95
COMPUTER: WordPerfect for Windows 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/530,792D
FILING DATE: 09/19/95
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/309,232
FILING DATE: 09/20/94
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.44 Mb Storage
                                                                                                                                                                                                                                                                                                                                              NAME: Brewer, Alice A.
REGISTRATION UNDBER: 3288
REFERENCE/DOCKET NUMBER: MWH 323P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 812-2705
TELEPHONE: (203) 812-5492
INPORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 22, Application US/08530792D
Patent No. 5972680
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Rattus norvegicus
STRAIR: Sprague-Dawley
DEVELOPMENTAL STAGE: adult
TISSUE TYPE: skeletal muscle
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: 3.5" diskette, 1
COMPUTER: Dell Windows 95 PC
OPERATING SYSTEM: Windows 95
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1025 amino acids
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Best Local Similarity 46.77
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 protein;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
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Connecticut
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: si:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                         U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    06516
                                        06516
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COUNTRY:
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LIBRARY: Clontech rat skeletal muscle cDNA library in lambda gtll LIBRARY: and mRNA isolated from rat skeletal muscle CLONE: 5.3 (from lambda gtll library), PCR product clones 5, 334, CLONE: and KC44.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: complete amino acid sequence for GTVap, short version in IDENTIFICATION METHOD: translation from cDNA US-08-530-792D-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Clark, Noise G.
APPLICANT: Clark, Noise G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Cochran, Henry B.
APPLICANT: Comman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR PLILING DATE: 1998-06-22
PRIOR FILING DATE: 1998-03-31
PRIOR FILING DATE: 1998-06-25
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
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46.7%; Pred. No. 3.2e+02;
tive 1; Mismatches 7; Indels
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WordPerfect for Windows 6.1
                                                                                                                                                                                                                              NAME: Brewer, Alice A
REGISTRATION NUMBER: 32888
REFERENCE/DOCKET NUMBER: MWH 323P1
TELECOMMUNICATION INFORMATION:
                                                  US/08/530,792D
                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/530,795
FILING DATE: 09/19/95
CLASSIFTCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/309,232
FILING DATE: 09/20/94
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 27, Application US/09337227C Patent No. 6420518
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Rattus norvegicus
STRAIN: Sprague-Dawley
DEVELOPMENTAL STAGE: adult
TISSUE TYPE: skeletal muscle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Chen, Yvonne May-Yee
                                                                                                                                                                                                                                                                                                                            TELEPHONE: (203) 812-2705
TELEFAX: (203) 812-5492
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 1026 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Artificial sequence
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Best Local Similarity 46.77
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: si
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LIBRARY: Clonte
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TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                         IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 190283
                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: si
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US-09-299-689A-8
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                                                                                    Gaps
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                                                                                                                                                                                                                                                     Sequence 27, Application US/09723251A
Patent No. 6608028
APPLICANT: Clark, Ross G.
APPLICANT: Codran, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelron, Nicholas J.
TITLE OF INVENTION: INSULIAN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REPERENCE: P1071P2C1.2Rev
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                                     Query Match
39.4%; Score 43; DB 4; Length 21;
Best Local Similarity 33.3%; Pred. No. 8.4;
Matches 5; Conservative 3; Mismatches 7; Indels
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39.4%; Score 43; DB 4; Length 21;
Best Local Similarity 33.3%; Pred. No. 8.4;
Matches 5; Conservative 3; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: US 09/337,227
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: JACA Porter Drive CUTY: Palo Alto CUTY: CA
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APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: All Preeti
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) OTHER INFORMATION: Sequence is synthesized; Patent No. 6608028
US-09-723-251A-27
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Patent No. 5925521
GENERAL INFORMATION:
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ORGANISM: Artificial sequence
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                     2 WICNLFKNOWFCDAW 16
                                                                                                                                                           3 WVCRAGPLOWLCEKY 17
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US-09-337-227C-27
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US-08-828-488-8
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Gaps
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40.0%; Pred. No. 2e+02;
tive 3; Mismatches (
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,689A
FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hallman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 3174 Porter Drive CITY: Palo Alto
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                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/828,488
FILING DATE: Filed Herewith
PRIOR PAPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 8, Application US/09299689A; Patent No. 6379913
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APPLICATION NUMBER: 08/828,488
                                                                                                                 FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0;
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-85-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Billings, Lucy J. REGISTRATION NUMBER: 36,749
REPERENCE/DOCKET NUMBER: PF-TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555
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INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
LENGTH: 480 amino acids
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Best Local Similarity 40.04
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RESULT 15
US-09-614-124B-336
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LENGTH: 480
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APPLICANT: Wang, Aijun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
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Patent No. 6509448
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
                                                                                                                                                                                                                                                                                                                                         RESULT 13
US-09-702-705-336
; Sequence 336, Application US/09702705
; Parent No. 6504010
                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
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Bangur, Chaitanya S.
Lodes, Michael A.
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Vedvick, Tom
Carter, Darrick
                    480 amino acids
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Vedvick, Tom
Carter, Darrick
                                                                                                                                                                             Query Match
Best Local Similarity 40.05
Matches 6; Conservative
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SEQUENCE CHARACTERISTICS
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Mannion, Jane
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ORGANISM: Homo sapiens
                                                                  TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
                                 TYPE: amino acid STRANDEDNESS: sir
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Best Local Similarity
Matches 6; Conserv
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; CLONE: 190283
US-09-299-689A-8
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US-09-736-457-336
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                  LENGTH:
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APPLICANT:
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Patent No. 6630574

Genter No. 6630574

GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Lodges, Michael A.
APPLICANT: Lodges, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Wannion, Jane
APPLICANT: Retter, Darrick
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: LONGOSITIONS AND CORRENT
FILE REFERENCE: 210.121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE FEASER FASSER FOR Windows Version 3.0
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CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTMARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
                                                                                                                                                                                                                                                                                                                                                                                 400 DMACNFMGDEWFVDS 414
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Best Local Similarity 40.03
Matches 6; Conservative
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Best Local Similarity 40.03
Matches 6; Conservative
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ORGANISM: Homo sapiens
                                                                                                                              LENGTH: 480
TYPE: PRT
CRGANISM: Homo sapiens
US-09-736-457-336
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9 ; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
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'(cgn2_6/ptodata1/lpubpaa/USO6_WW PUB.ppp:*
'(cgn2_6/ptodata1/lpubpaa/USO6_WW PUB.ppp:*
'(cgn2_6/ptodata1/lpubpaa/USO6_PUBCOMB.ppp:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1298764 seqs, 315065143 residues
                                                                                                                                                                                   September 8, 2004, 14:25:19
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                        - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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1 DWVCEFDKGQWNCNIL 16
                                                                                                                                                                                                                                                                                                   US-09-825-517A-133
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Maximum DB seq length: 2000000000
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1111:
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Perfect score:
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Description	Sequence 133, App Sequence 88, Appl				Sequence 82, Appl		Sequence 76, Appl	Sequence 137, App	Sequence 80, Appl	Sequence 95, Appl		Sequence 147, App		Sequence 75, Appl
SUMMARIES	US-09-825-517A-133 US-09-825-517A-88	US-09-825-517A-118	US-09-825-517A-67	US-09-825-517A-60	US-09-825-517A-82	US-09-825-517A-135	US-09-825-517A-76	US-09-825-517A-137	US-09-825-517A-80	US-09-825-517A-95	US-09-825-517A-104	US-09-825-517A-147	US-09-825-517A-150	US-09-825-517A-75
	; ; ; ; ; ;	11	11	11	11	11	11	11	11	11	11	11	11	11
% Query Match Length DB	16	16	16	16	16	16	16	16	16	16	16	16	16	16
% Query Match	100.0	89.3	85.4	81.6	81.6	80.6	78.6	77.7	76.7	76.7	75.7	75.7	75.7	73.8
Score	103	92	88	84	84	83	81	80	79	79	78	78	78	16
Result No.		l M	4	'n,	9	7	80	σ	10	11	12	13	14	15

RESULT 2
US-09-825-517A-88
Sequence 88, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:

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Sequence 116, App Sequence 139, App Sequence 59, Appl Sequence 59, Appl Sequence 65, Appl Sequence 65, App Sequence 111, App Sequence 110, App Sequence 111, App Sequence 111, App Sequence 111, App Sequence 112, App Sequence 121, App Sequence 121, App Sequence 130, App Sequence 130, App Sequence 130, App Sequence 131, App Sequence 130, App Sequence 131, App Sequence 115,	125,
US-09-825-517A-116 US-09-825-517A-139 US-09-825-517A-49 US-09-825-517A-86 US-09-825-517A-86 US-09-825-517A-165 US-09-825-517A-107 US-09-825-517A-107 US-09-825-517A-107 US-09-825-517A-107 US-09-825-517A-113 US-09-825-517A-114 US-09-825-517A-114 US-09-825-517A-112 US-09-825-517A-112 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-130	0 -
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                                                                                     APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 133
LENGTH: 16
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100.0%; Pred. No. 4.1e-08;
tive 0; Mismatches 0;
            ; Sequence 133, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Matches 16; Conserve
US-09-825-517A-133
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SEQ ID NO 60
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Endon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

FRICK REPRENCE: DAY-016.1 (3421.1059-001)

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASTSEQ FOR Windows Version 4.0

SEQ ID NO 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ch 92.2%; Score 95; DB 11; Length 16; I Similarity 87.5%; Pred. No. 5.8e-07; 14; Conservative 2; Mismatches 0; Indels
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89.3%; Score 92; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.6e-06;
Matches 13; Conservative 2; Mismatches 1; Indels
                     APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGNEN (CEA)
TITLE OF INVENTION: ANTIGNEN (CEA)
CURRENT EFFERENCE: DXY-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOUTHARE: FRAEESQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-118
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
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                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert
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Matches 14; Conserva
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US-09-825-517A-118
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LENGTH: 16
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| Sequence 60, Application US/09825517A
| Sequence 60, Application US/09825517A
| Sequence 60, Application US/09825517A
| Publication No. US20030203415A1
| APPLICANT: Ladner, Robert C
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
| TITLE OF INVENTION: ANTIGEN (CEA)
| FILE REPREMENT OF INVENTION: ANTIGEN (CA)
| CURRENT APPLICATION NUMBER: US/09/825,517A
| PRIOR APPLICATION NUMBER: US 09/541,345
| PRIOR FILING DATE: 2000-04-03
| NUMBER OF SEQ ID NOS: 151
| SOFTWARE: FASESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                   Length 16;
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81.6%; Score 84; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e-05;
Matches 13; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                       Query Match 85.4%; Score 88; DB 11; Length 16
Best Local Similarity 87.5%; Pred. No. 5.9e-06;
Matches 14; Conservative 0; Mismatches 2; Indels
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 67
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 82
LENGTH: 16
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; Sequence 82, Application US/09825517A

; Publication No. US20030203415A1

; GENERAL INFORMATION:
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Mismatches
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.0%
Best Local 2; Conservative
                                    1 DWVCEFDKGQWNCNIL
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  12; Conservative
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Matches 13; Conserv
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  Matches
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION: ANTIGEN (CEA)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILLE DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILLING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 76
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER: OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 135
LENGTH: 16
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                                                                                                Length 16;
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                                                                                                                                     1; Indels
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                                                                                              Query Match

81.6%; Score 84; DB 11;

Best Local Similarity 75.0%; Pred. No. 2.2e-05;

Matches 12; Conservative 3; Mismatches 1;
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                                    ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-82
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                                                                                                                                                                                                                                                                                               US-09-825-517A-135
Sequence 135, Application US/09825517A; Publication No. US20030203415A1
GENERAL INFORMATION:
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                                                                                                                                                                                                   1 DWVCEYEKDQWSCNIL 16
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 13; Conserv
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Best Local Similarity
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Sequence 80, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
FRIOR FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARR: FastSEQ for Windows Version 4.0
SEQ ID NO 80
APPLICANT: Rondon, ISSAC J
APPLICANT: Rondon, ISSAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOTTWARE: FASESEQ FOR Windows Version 4.0
SEQ ID NO 137
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    77.7%; Score 80; DB 11; Length 16; 81.2%; Pred. No. 8.4e-05; 1.ve 0; Mismatches 3; Indels
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CBA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Mindows Version 4.0
SEQ ID NO 150
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 75, Application US/0982517A; Publication No. US20030203415A1; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: ANTIGEN (CEA); FILE REFRENCE: DXx-016.1 (3421.1005-001); CURRENT APPLICATION NUMBER: US/09/825,517A; CURRENT FILING DATE: 2000-03-24; PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                             Query Match 75.7%; Score 78; DB 11; Length 16; Best Local Similarity 75.0%; Pred. No. 0.00016; Matches 12; Conservative 1; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                        FEATURE:
CTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-147
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/8425,517A
FURNENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE FARESEQ FOR WINDOWS Version 4.0
SEQ ID NO 147
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-150
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; Publication No. US20030203415A1
; GENERAL INFORMATION:
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Best Local Similarity
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US-09-825-517A-75
                                                                                                                                                                                                                                                  TYPE: PRT
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                                      Sequence 95. Application US/09825517A
| Publication No. US20030203415A1
| GENERAL INFORMATION:
| APPLICANT: Rondon, Issac J
| APPLICANT: Ladner, Robert C
| TILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
| TILE OF INVENTION: ANTIGEN (CEA)
| FILE REFERENCE: DXX-016.1 (3421.1005-001)
| CURRENT APPLICATION NUMBER: US/09/825,517A
| CURRENT FILING DATE: 2003-03-24
| PRIOR APPLICATION NUMBER: US 09/541,345
| PRIOR FILING DATE: 2000-04-03
| SOFTWARE: FASTSEQ for Windows Version 4.0
| SEQ ID NO 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 16;
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Best Local Similarity 75.0%; Pred. No. 0.00012;
Matches 12; Conservative 1; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-104
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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                      US-09-825-517A-95
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ ID NO 75
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-75
Query Match
Best Local Similarity 75.0%; Pred. No. 0.00032;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY I DWVCEFPKGOWFCNVL 16
Db I DWVCEFFKQOWFCNVL 16
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Search completed: September 8, 2004, 15:58:35 Job time: 43.85 secs

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Sequence 58, Appl
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                                                                                                                         8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec
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Sequence 2, A
Sequence 7, A
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Sequence 58,
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Sequence 5,
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2: /dgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /dgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /dgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /dgn2_6/ptodata/2/iaa/PCTUS COMB.pep:*
6: /dgn2_6/ptodata/2/iaa/PCTUS COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-794-236-1
US-10-002-53-6
US-09-543-681A-4679
US-09-417-039-4
US-09-489-039A-13594
US-08-489-135-27
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PCT-US93-07923-11
PCT-US93-07923-3
PCT-US93-07923-2
US-08-230-491A-3
US-08-619-280A-3
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US-09-328-352-6740
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US-08-484-631-208
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US-09-459-774-2
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US-08-185-949B-58
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Perfect score:
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Sequence 6119, Application US/09134000C

Batent No. 6617156

GENERAL INFORMATION:

APPLICART: Lynn Doucette-Stamm et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS

TURE REPERBACE: 032796-032

CURRENT FILING DATE: 1998-08-13

PRIOR APPLICATION NUMBER: US 60/055,778

PRIOR FILING DATE: 1997-00-15

NUMBER OF SEQ ID NOS: 6812

SOFTWARE: Patentin version 3.1

SEQ ID NO 6119
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                                                    Sequence 168, App
Sequence 29027, A
Sequence 1187, Ap
Sequence 4, Appli
Sequence 4, Appli
Sequence 17, Appl
Sequence 17, Appl
Sequence 17, Appl
Sequence 11, Appli
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GENERAL INFORMATION:
APPLICANT: Morimoto, Chikao
APPLICANT: Schlosman, Stuart F.
APPLICANT: Tanaka, Toshiaki
TITLE OF INVENTION: HUMAN CD26 AND METHODS FOR USE
NUMBER OF SEGUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STRRET: 225 Franklin Street
US-09-334-16

US-09-603-311-16

US-09-603-311-16

US-09-104-324B-4

US-09-104-324B-4

US-09-252-991A-29027

US-09-28-4-168

US-09-28-4-168

US-09-28-4-1187

US-08-41-333-4

US-08-411-333-4

US-08-411-333-4

US-09-813-156-17

US-09-813-156-17
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US-07-668-648-10
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; ORGANISM: Enterococcus faecalis
US-09-134-000C-6119
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Best Local Similarity 54.5
Matches 6; Conservative
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COUNTRY: U.S.A.
  CITY: Boston
                                                                                                                                                                                                                                                                                                        US-09-134-000C-6119
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Gaps
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PCT-US33-07923-2
Sequence 2, Application PC/TUS9307923
Sequence 2, Application PC/TUS9307923
APPLICANT: Morimoto, Chikao
APPLICANT: Schlossman, Stuart F.
APPLICANT: Tanaka, Toshiaki
TITLE OF INVENTION: HUMAN CD26 AND METHODS FOR USE
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IEM PS/2 Model 50Z or 55SX
COMPUTER: IEM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IEM P.C. DOS (Version 3.30)
SOFTWARE: WORDFEFECT (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CIASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 07/934,162
ETLING DATE: 21-AUG-1992
APPLICATION NUMBER: 07/832,211
FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REGISTRATION NUMBER: 34,819
REGISTRATION NUMBER: 00530/055002
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 17584-5070
TELEFAX: (617) 542-5070
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STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                     :|::|: |:|||
316 ICDYDESSGRWNC 328
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Best Local Similarity 46.2.
Best Local 6; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO:
                    SEQUENCE CHARACTERISTICS:
LENGTH: 755
                                                                                                                                                                                                                  Conservative
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                                                              TYPE: amino acid STRANDEDNESS:
                                                                                                         ; TOPOLOGY: linear
PCT-US93-07923-3
                                                                                                                                                                       Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Boston
STATE: Massac
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PCT-US93-07923-2
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Pred. No. 43;
5; Mismatches 0; Indels
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CITY: Boston
STATE: Masachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
COMPUTER: IBM PS/2 MODEL 5.0)
SOFTWARE: WordPerform
APPLICATION NUMBER: PCT/US93/07923
FTI.TNG DATE: 19930819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application PC/TUS9307923
GENERAL INFORMATION:
APPLICANT: Morimoto, Chikao
APPLICANT: Tanaka, Toshiaki
TITLE OF INVENTION: HUMAN CD26 AND METHODS FOR USE
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                00530/055002
                                                                                                                                                                                                                                      NAME: Fraser, Janis K.
REGISTRATION NUMBER: 34,819
REFREENCE/DOCKET NUMBER: 00530/055002
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 542-8906
TELEFAX: (617) 542-8906
  SOFTWARE: WordPerfect (Version 5.0) CURRENT APPLICATION DATA:
                    19930819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 19930819
CLASSIFICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934,162
FILING DATE: 21-AUG-1992
APPLICATION NUMBER: 07/932,211
FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934,162
FILING DATE: 21-AUG-1992
APPLICATION NUMBER: 07/832,211
FILING DATE: 06-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Janis K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 0053(
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFRA: (617) 542-8906
TELER: 200154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                44.7%;
46.2%;
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Best Local Similarity 46.27
The Good Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                FILING DATE: 1 CLASSIFICATION:
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PCT-US93-07923-3
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18-MARCH-1996
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amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity 46.2
                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
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ZIP: 10022
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Patent No. 576742
GENERAL INFORMATION:
APPLICANT: Zimmermann, Rainer; Park, John E.;
APPLICANT: Rettig, Wolfgang; Old, Lloyd J.
TITLE OF INVENTION: ALPHA, AND USES THEREOF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
                                                                      APPLICANT: Rettig, Wolfgang J.; Scanlan, Matthew J.;
APPLICANT: Garin-Chesa, Pilar; Old, Lloyd J.
TITLE OF INVENTION: FIBROBLAST ACTIVATION PROTEIN 'AND USES
TITLE OF INVENTION: THERBOF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSE: FELFE & LYNCH
STREET: 805 THIRD AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2,
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44.7%; Score 46; DB 1; Length 766;
Best Local Similarity 46.2%; Pred. No. 56;
Matches 6; Conservative 5; Mismatches 0; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 2.0 MB storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                   DISKETTE 3.5 inch 1.2 MB STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

FAPLICATION NUMBER: US/08/230,491A

FILING DATE: 20-APRIL-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 5587299man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 330

TELEPHONE: (212) 688-9200

TELEPAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CREARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/619,280A
            Sequence 3, Application US/08230491A Patent No. 5587299 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                    NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                          PC-DOS
                                                                                                                                                                                                                                                                                                          USA
10022
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 VCEFDK--GOWNC 13
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PS/2
OPERATING SYSTEM: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                               CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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Gaps
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Sequence 3, Application US/08940391
Sequence 3, Application US/08940391
Fatent No. 5965373
GENERAL INFORMATION:
APPLICANT: Zimmermann, Rainer; Park, John E.;
APPLICANT: Rettig, Wolfgang; Old, Lloyd J.
TITLE OF INVENTION: ISOLATED DIMERIC FIBROBLAST ACTIVATION
TITLE OF INVENTION: PROTEIN ALPHA, AND USES THEREOF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
STRATE: New York City
STRATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2;
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46.2%; Pred. No. 56;
Live 5; Mismatches 0; Indels
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MEDIUM TYPE: Diskette, 3.5 inch, 2.0 MB storage COMPUTER: IBM F8/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,391
FILING DATE: 01-OCT-1997
CLASSIFICATION NUMBER: 08/619,280
FILING DATE: 18-MARCH-1996
APPLICATION NUMBER: 08/230,491
FILING DATE: 120-APRIL-1994
ATTORNEY/AGANT INFORMATION: 30,946
REPERENCE/DOCKET NUMBER: 30,946
REPERENCE/DOCKET NUMBER: 30,946
REPERENCE/DOCKET NUMBER: 30,946
REPERENCE/COCKET NUMBER: 20,946
REPER
CLASSIFFCATION: 435

CLASSIFFCATION: 435

PRIOR APPLICATION DATA: 84230,491

FILING DATE: 20-APRIL-1994

ATTORNEY/AGENT INFORMATION: NAME: 14050,000

REGISTRATION NOW. 5767424mm D. REGISTRATION NOW. 576742mm D. REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5330.1

TELEPHONE: (212) 838-3884

INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 766 amino acids: 177PE: amino acids: 1
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GENERAL INFORMATION:

APPLICANT: GARY BRETON:

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL TITLE OF INVENTION: UDIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709.1002-001

CURRENT APPLICATION NUMBER: US 60/28,706

PRIOR APPLICATION NUMBER: US 60/128,706

PRIOR FILING DATE: 1999-04-09

PRIOR FILING DATE: 1999-04-09

SEQ ID NOS: 8344

SEQ ID NO 4679

LENGTH: 179
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Patent No. 6610836

Patent No. 6610836

GENERAL INFORMATION

APPLICANT: GATY Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: PREMONIAE FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 2709-2004001

CURRENT FILING DATE: 2000-01-27

PRIOR PILING DATE: 1999-01-29

RIGHER OF SEQ ID NOS: 14342

SEQ ID NO 13594
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/09417039A; Sequence 4, Application US/09417039A; Patent No. 6485972; GENERAL INFORMATION:
APPLICANT: Morahon, Andrew P.
APPLICANT: Vaino, Seppo; TITLE NEFRENCE: 005246/232001; CURRENT FILING DATE: 1999-10-12; CURRENT FILING DATE: 1999-10-12; CURRENT FILING DATE: 1999-10-12; SOFTWARE: RELIGIOR NUMBER: US 60/109,355; BARLIER FILING DATE: 1998-10-15; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NO.4: 11.
                                                                                                                                                                                                                                                                                                                                                   Query Match
43.7%; Score 45; DB 4; Length 179;
Best Local Similarity 57.1%; Pred. No. 17;
Matches 8; Conservative 0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 40.0%; Pred. No. 36;
Matches 8; Conservative 3; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    159 VCELGSONWNVNIL 172
                                                                                                                                                                                                                                                                                      ; ORGANISM: Proteus mirabilis US-09-543-681A-4679
                                                                                                                                                                                                                                                                                                                                                                                                                                           3 VCEFDKGOWNCNIL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 12
US-09-489-039A-13594
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Patent No. 6566198

Patent No. 6566198

Patent No. 6566198

Patent No. 6566198

APPLICANT: Nonderbilt University
APPLICANT: Brown, Nancy J.
APPLICANT: APPLICANT: 2001-10-31
PRIOR APPLICANT: 2001-10-31
PRIOR APPLICANT: 2001-10-31
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.1
SEQ ID NO 6.
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                                                                                                                                                                                                                                                                             GENERAL INCROMATION:
APPLICANT: Grouzmann, Eric
APPLICANT: Lacroix, Jean-Silvain
APPLICANT: Lacroix, Jean-Silvain
APPLICANT: Monod, Michel
TITLE OF INVENTION: Method of Treating Rhinitis and Sinusitis
FILE REPERENCE: 81985/276823
CURRENT PILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin version 3.0
SEQ ID NO! 766
    Score 46; DB 2; Length 766;
Pred. No. 56;
5; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       44.7%; Score 46; DB 4; Length 766; 46.2%; Pred. No. 56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 4; Length 766;
                                               0; Indels
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46.2%; Pred. No. 56;
tive 5; Mismatches
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                                                                                                                                                                                                                                           Sequence 1, Application US/09794236
Patent No. 6337069
    44.7%;
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327 ICDYDESSGRWNC 339
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                                                                                        3 VCEFDK--GOWNC 13
Query Match
Best Local Similarity 46.2
Matches 6; Conservative
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Best Local Similarity 46.2
Matches 6; Conservative
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Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-543-681A-4679
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US-09-794-236-1
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US-10-002-593-6
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
     Mulcahy, Linda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 DWVCEFDKGQWNC 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 38.5
Matches 5; Conservative
                                                                                                             STREET: One name CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                               94105-1492
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US-08-484-631-208
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                                                                                                                                                           STATE: Ca
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CUNTRY: Garden CIEV
CUNTRY: U.S.A.

COUNTRY: U.S.A.

COMPUTER ERADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,135
FILING DATE: U7-UN-1995
CLASSIFICATION NUMBER: 31,346
ATTORNEY/AGENT INFORMATION:
NAME: DIGIGALO, Frank S
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 31,346
REGISTRATION NUMBER: 9594
TELEBRAC (516) 742-4343
TELEBRAC (516) 742-4366
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                             Sequence 27, Application US/08484135
Patent No. 5767078
GENERAL INFORMATION:
APPLICANT: Johnson, Dana L
TITLE OF INVENTION: AGONIST PEPTIDE DIMERS
WUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Frank S. DiGiglio
                                                                                               2; Mismatches
                                                       Query Match 43.2%; Score 44.5; I
Best Local Similarity 61.5%; Pred. No. 51;
Matches 8; Conservative 2; Mismatches
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Patent No. 5773569
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wrighton, Nicholas C. APPLICANT: Dower, William J. APPLICANT: Chang, Ray S.
                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Frank S. Digiglio
STREET: 400 Garden City Plaza
CITY: Garden City
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13594
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Jolliffe, Linda K.
Johnson, Dana
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Best Local Similarity 38.5%;
Matches 5; Conservative
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271 EWVDIDFDKGIWN 283
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MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: si
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APPLICANT:
APPLICANT:
APPLICANT:
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Patent No. 5830651

GENERAL INFORMATION,
APPLICANT: Wrighton, Nicholas C.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Mashap, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Onliffe, Linda K.
APPLICANT: Mulcahy, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the NUMBER OF SEQUENCES:
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .;
0
TITLE OF INVENTION: Compounds and Peptides That Bind to the TITLE OF INVENTION: Erythropoietin Receptor NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       41.7%; Score 43; DB 1; Length 20; 38.5%; Pred. No. 3.3; Live 4; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,635 FILING DATE: 07-JUN-1995 CLASSIFICATION: 514 RICR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940 FILING DATE: 19-NOV-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Townsend and Townsend and Crew
One Market Plaza, Steuart Street Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REPERENCE/DOCKET NUMBER: 16528A-43-1-1
TELECOMUNICATION:
TELECPHONE: (415) 543-9600
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Best Local Similarity 38.5%; Pred. No. 3.3;
Matches 5; Conservative 4; Mismatches 4; Indels
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,631
FILING DATE: 07-UN-1995
PRIOR APPLICATION : 514
PRIOR APPLICATION 1514
PRIOR APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: GATTELT-WACKOWSKI, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 15528A-43-1-2
TELECOMPUNICATION INFORMATION:
TELEPAX: (415) 543-560
TELEPAX: (415) 543-560
TELEPAX: (415) 543-560
INFORMATION FOR SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acide
TYPE: APPLICATION TOWER: PEPTIGE
US-08-484-631-208
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3 NYLCRFGPGTWDC 15
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Search completed: September 8, 2004, 14:31:47 Job time : 14.3 secs

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46, Appl
337, Appl
43, Appl
45, Appl
55, Appl
56, Appl
120, Appl
121, Appl
121, Appl
122, Appl
124, Appl
124, Appl
124, Appl
126, Appl
69, Appl
                                                                 (without alignments)
114.961 Million cell updates/sec
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Sequence 129, 1
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                                                       September 8, 2004, 14:25:19; Search time 43.85 Seconds
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Sequence
Sequence
Sequence
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                                                                                                                                                                                                                                                                       GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-825-517A-62
US-09-825-517A-46
US-09-825-517A-43
US-09-825-517A-43
US-09-825-517A-52
US-09-825-517A-58
US-09-825-517A-58
US-09-825-517A-58
US-09-825-517A-12
US-09-825-517A-12
US-09-825-517A-121
US-09-825-517A-121
US-09-825-517A-121
US-09-825-517A-121
US-09-825-517A-121
US-09-825-517A-121
US-09-825-517A-121
US-09-825-517A-129
US-09-825-517A-129
US-09-825-517A-129
                                                                                                                                                                                    of hits satisfying chosen parameters:
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Maximum Match 100%
Listing first 45 summaries
                                     protein search, using sw model
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                                                                                                                 1 DWMCNLFKNQWFCDVQ 16
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104
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Maximum DB seq length: 200000000
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Match 1
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53, A 557, A 573, A 577, A 581, A 583, A 1131, 119, 128, 64 66 70 70 70 70 70 70 70 70 70 70 70 Sequence S Sequence US-09-825-517A-84 US-09-825-517A-38 US-09-825-517A-145 US-09-825-517A-145 US-09-825-517A-39 US-09-825-517A-57 US-09-825-517A-73 US-09-825-517A-73 US-09-825-517A-131 US-09-825-517A-131 US-09-825-517A-131 US-09-825-517A-131 US-09-825-517A-131 US-09-825-517A-136 US-09-825-517A-119 US-09-825-517A-119 US-09-825-517A-128 US-09-825-517A-129 US-09-825-517A-199 US-09-825-517A-199 US-09-825-517A-199 US-09-825-517A-199 US-09-825-517A-199 US-09-825-517A-199 US-09-825-517A-199 US-09-825-517A-199 US-09-825-517A-199 

## ALIGNMENTS

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Gaps
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                                                                                APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION UNMBER: US/09/0825,517A
CURRENT FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 104; DB 11;
100.0%; Pred. No. 4.7e-08;
tive 0; Mismatches 0;
                   ; Sequence 132, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DWMCNLFKNQWFCDVQ 16
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Best Local Similarity
US-09-825-517A-132
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US-09-825-517A-62
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; Sequence 62, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:

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US-09-825-517A-42
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APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA);
FILE REPRENCE: DYX-016.1 (3421.1005-001)
CURRENT PILITY DATE: 2003-03-24
CURRENT PILITY DATE: 2003-03-24
FRICH APPLICATION NUMBER: US 09/541,345
FRICH APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 62
LENGTH: 16
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US-09-825-517A-37
is Sequence 37, Application US/09825517A
is Publication No. US20030203415A1
is GENERAL INFORMATION:
A APPLICANT: Rondon, Issac J
is APPLICANT: Ladner, Robert C
if TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITLE REFERENCE: DYX-016.1 (3421.1005-001)
is CURRENT APPLICATION NUMBER: US/09/825,517A
is CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 96.2%; Score 100; DB 11; Length 16; Best Local Similarity 93.8%; Pred. No. 1.7e-07; Matches 15; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 46, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 DWMCNLFKNOWFCDVQ 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 DWVCNLFKNOWFCDVQ 16
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Best Local Similarity 100.
Matches 15; Conservative
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| Publication No. US20030203415A1
| GENERAL INPORMATION:
| APPLICANT: Rondon, Issac J
| APPLICANT: Ladner, Robert C
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
| TITLE OF INVENTION: ANTIGEN (CEA)
| FILE REFERENCE: DXx.016.1 (3421.1055-001)
| CURRENT FILING DATE: 2003-03-24
| PRIOR FILING DATE: 2000-04-03
| NUMBER OF SEQ ID NOS: 151
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 42
| LENGTH: 16
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Sequence 43, Application US/09825517A

Sequence 43, Application No. US20030203415A1

Sequence 43, Application No. US20030203415A1

SEQUENCE TO CO. US20030203415A1

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES

FILE REFERENCE: DYX-016.1 (3421.105-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR PILING DATE: 2003-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 43

TYPE: PRI
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Pred. No. 6.4e-07;
1: Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                              1; Mismatches
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FREUSEQ for Windows Version 4.0
SEQ ID NO 37
LENGTH: 16
TYPE: PRI
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Best Local Similarity 93.3%;
Matches 14; Conservative
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US-09-825-517A-74
US-09-825-517A-74
US-09-825-517A-74
Sequence 74, Application US/09825517A
Sequence 74, Application US/09825517A
SUBJICATION OF US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
SRICK APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 74
LENGTH: 16
                                                                                                                                                                                                                                                                  APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITTLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITTLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION WUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 58
LENGTH: 16
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93.3%; Pred. No. 8.9e-07;
iive 1; Mismatches 0; Indels
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                                                                                                                                                                           US-09-825-517A-58; Sequence 58, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.33
Matches 14; Conservative
                                                  1 DWMCNLFKOVOWFCDV
      14; Conservative
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         Matches
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Sequence 52, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner: Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 5:

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                            US-09-825-517A-45

Sequence 45, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES

FILE REFERENCE: DYX-016-1 (3421.1005-001)
CURRENT APPLICATION: NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PSSECE FOR WINDOWS VERSION 4.0

SEQ ID NO 45

LENGTH: 16
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91.3%; Score 95; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 8.9e-07;
Matches 13; Conservative 3; Mismatches 0; Indels
                                                                                                                          Length 16;
                                                                                                                                                                    0; Indels
                                                                                                                     91.3%; Score 95; DB 11; I
100.0%; Pred. No. 8.9e-07;
tive 0; Mismatches 0;
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Pred. No. 8.9e-07;
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                                                       OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-43
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93.3%;
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ORGANISM: Artificial Sequence
                ORGANISM: Artificial Sequence
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                                                                                                                                                                           14; Conservative
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Best Local Similarity
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Best Local Similarity
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US-09-825-517A-52
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US-09-825-5174-69
| US-09-825-517A-69
| Publication No. US2003023415A1
| Publication No. US2003023415A1
| GENERAL INFORMATION:
| APPLICANT: Rondon, Issac J
| APPLICANT: Ladner, Robert C
| TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
| TILLE OF INVENTION: APPLICANTON OF STATISTICAN O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            91.3%; Score 95; DB 11; Length 16; 93.3%; Pred. No. 8.9e-07; Live 1; Mismatches 0; Indels
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYV.016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2003-03-04
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-124
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTICHEN (CEA)
FILE REPRENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-24
PRIOR FILING ATTE: 2003-03-671,345
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 129
LENGTH: 16
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; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.33
Matches 14; Conservative
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Best Local Similarity 93.33
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                      SEQ ID NO 124
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                                                                                                                              APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TILE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (1421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     91.3%; Score 95; DB 11; Length 16
93.3%; Pred. No. 8.9e-07;
ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                             Sequence 120, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 124, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
APPLICANT: Rondon, Issac J APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWMCNLFKNOWFCDVQ 16
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            US-09-825-517A-120
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US-09-825-517A-121
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US-09-825-517A-124
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LENGTH: 16
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LENGTH: 16
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Matches

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us-09-825-517a-132.rapb

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NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 69
LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-69
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Search completed: September 8, 2004, 15:58:35 Job time : 44.85 secs

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Sequence 13, Application US/09131028A

Patent No. 6287866

GENERAL INFORMATION:

APPLICANT: Abbott Laboratories

APPLICANT: Lemmel, Steven A.

APPLICANT: Chaudhary, Sunita

TITLE OF INVENTION: BETA-CASEIN EXPRESSING

TITLE OF INVENTION: BETA-CASEIN EXPRESSING

CURRENT PILING DATE: 1998-08-07

PRIOR APPLICATION NUMBER: US/09/131,028A

CURRENT PILING DATE: 1993-05-21

NUMBER OF SEQ ID NOS: 22
US-09-131-028A-13
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Sequence 336, App
Sequence 336, App
Sequence 34, App
Sequence 17516, App
Sequence 6740, App
Sequence 6722, App
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3, Appli
4, Appli
1, Appli
1, Appli
704, App
22, Appli
8, Appli
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6389, Ap
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27, Appl
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                                                              September 8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62:106 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                        1: /cgn2 6/ptodata/2/iaa/5A COMB.pep:*
2: /cgn2 6/ptodata/2/iaa/5B COMB.pep:*
3: /cgn2 6/ptodata/2/iaa/6A COMB.pep:*
4: /cgn2 6/ptodata/2/iaa/6B COMB.pep:*
5: /cgn2 6/ptodata/2/iaa/PCTUS COMB.pep:*
6: /cgn2 6/ptodata/2/iaa/PCTUS COMB.pep:*
 GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-029-213B-22
US-08-828-488-8
US-09-299-689A-8
US-09-736-457-336
US-09-776-457-336
US-09-671-325-336
US-09-671-325-336
US-09-671-325-336
US-09-589-184-336
US-08-194-560-2
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US-09-328-352-8043
US-09-134-000C-6389
US-08-671-978A-7
US-09-134-000C-4826
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US-09-328-352-5022
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US-09-137-223A-2
US-08-265-967C-3
US-08-305-790B-4
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US-09-723-251A-27
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US-09-128-395-1
                                                                                                                                                                                          389414 segs, 51625971 residues
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                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                             OM protein - protein search, using sw model
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1 DWMCNLFKNQWFCDVQ 16
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                                                                                                              US-09-825-517A-132
                                                                                                                                                                                                                                      Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Match Length DB
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39.5
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Perfect score:
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14, Appl

42, Appl

42, Appl

42, Appl

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42, Appl

237, App

44, Appl

44, Appl

237, Appl

237, Appl

237, Appl

227, Appl
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Sequence 22, Appl
Sequence 4615, Ap
Sequence 123, App
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                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/09131028A

Patent No. 6287866

GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Lenmel, Steven A.
APPLICANT: Lenmel, Steven A.
APPLICANT: Lenmel, Amanda Eun-Yeong
APPLICANT: Lenmel, Amanda Eun-Yeong
APPLICANT: Lenard, Amanda Eun-Yeong
APPLICANT: Chaudhary, Sunita
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
FILE REFERENCE: 6004.US-DI
CURRENT APPLICANION NUMBER: US/09/131,028A

CURRENT FILING DATE: 1999-08-07
US-08-070-301-14

US-08-261-660A-33

US-09-280-909A-33

US-09-280-909A-42

US-09-280-909A-42

PCT-US94-06931-33

PCT-US94-06931-33

PCT-US94-06931-34

US-08-372-783-237

US-09-119-23-37

US-09-280-909A-44

PCT-US94-0631-44

PCT-US94-06931-44

PCT-US94-06931-44

PCT-US94-06931-44

PCT-US94-06931-44

US-09-280-909A-237

US-09-280-909A-237

US-09-280-909A-237

US-08-261-660A-23

US-09-280-909A-23

US-09-281-660A-23

US-09-281-91-32

US-09-281-91-32

US-09-281-91-32

US-09-281-91-32

US-09-281-91-32
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                                                                                                                                                                                                                                                                                                                                  ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 08/064,440
PRIOR FILING DATE: 1993-05-21
NUMBER OF ERQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 215
TYPE: PRI
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Best Local Similarity 50.0.
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US-09-131-028A-3
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STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08//
FILING DATE: 27-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: KAGAN, SARAH A.
REGISTRATION NUMBER: 32,14;
                                                                                                                                                                                                                                                                                                                                                                                  42.3%;
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Best Local Similarity 50.0
Matches 6; Conservative
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                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Saccharomyo
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     APPLICATION NUMBER:
FILING DATE: 27-JUN
CLASSIFICATION: 435
                                                                                                                                                                                                                                                          TYPE: amino acid
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US-08-265-967C-3
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Patent No. 6476200

GENERAL INFORMATION:
APPLICANT: SABATION:
APPLICANT: ERDJUMENT-BROMACE, HEDIYE
APPLICANT: TEMPST, PAUL
APPLICANT: SNYDER, SOLOMON H.
TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBP12
TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BANNER & ALLEGRETTI. LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                              Sequence 2. Application US/09137223A
Sequence 2. Application US/09137223A
Patent No. 6420525
GENERAL INFORMATION:
APPLICANT: Yee, David P
APPLICANT: Yee, David P
TITLE OF INVENTION: TESTIS. SPECIFIC TRANSCRIPTION FACTOR
TITLE OF INVENTION: TESTIS. SPECIFIC TRANSCRIPTION FACTOR
TITLE OF INVENTION: 1597-18
CURRENT APPLICATION NUMBER: US/09/137,223A
CURRENT APPLICATION NUMBER: 06/056,130
PRIOR PPLICATION NUMBER: 06/056,130
NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                               DB 3; Length 215;
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ZIP: 20001-4597

ZIP: 20001-4597

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 4;
                                                                                                                                                              3; Mismatches
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1001 G STREET, N.W., 11TH FLOOR
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                           47.1%; Score 49; 50.0%; Pred. No.
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Pred. No.
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                                                                                                                       Query Match
Best Local Similarity 50.0°
Matches 7; Conservative
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Best Local Similarity 41.7
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                                                    TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                       US-09-131-028A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: how
US-09-137-223A-2
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                  SEQ ID NO 13
                                     LENGTH:
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APPLICANT: ERDJUMENT-BROMAGE, HEDIYE
APPLICANT: LUI, MARY
APPLICANT: TEMPST, PAUL
APPLICANT: SYYDER, SOLOMON H.
TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBP12
TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 2474;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/305,790B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 44; DB 4; 1
Pred. No. 4.2e+02;
2; Mismatches 4
                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: KAGAN, SARAH A.
REGISTRATION NUMBER: 32,141
REGISTRATION NUMBER: 32,141
REERERNCAFOCKET NUMBER: 01107.46363
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEX: 107430 BBMB UT
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2474 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MUDRESSEE: BANNER & ALLEGRETTI. LTD STREET: 1001 G STREET, N.W., 11TH FLOOR STATE: D.C.
27-JUN-1994
27-JUN-1994
1815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107.47225
FELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                    Saccharomyces cerevisiae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US 08/265,967
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Patent No. 6492106
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
TITLE OF INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REPERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 1243;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
Sequence 1, Application US/09128395
Patent No. 6087108
CENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
ITLE OF INVENTION: NOVEL RNA EDITING ENZYME
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,395
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/816,241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        41.3%; Score 43; DB 4;
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Pred. No. 35;
2; Mismatches
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50 WKTGVFRNOVDSETHCHAERCFLSWFCD 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0239 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 704, Application US/09198452A
Patent No. 6559294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Chlamydia pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 28.6%;
Matches 8; Conservative 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 190 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 WMCNLFKNQ-----
                                                                                                                                                                                                                                                                        ZIP: 94304
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LIBRARY: PROSTUT09
CLONE: 1646823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-198-452A-704
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-198-452A-704
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LENGTH: 1243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-128-395-1
                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                  STATE:
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                                                                                                                                               Score 44; DB 4; Length 2474;
Pred. No. 4.2e+02;
2; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/08816241
| Patent No. 5804185
| GENERAL INFORMATION:
| APPLICANT: Bandman, Olga |
| APPLICANT: Goli, Surya K. |
| ITLE OF INVENTION: NOVEL RNA EDITING ENZYME |
| NUMBER OF SEQUENCES: 5 |
| CORRESPONDENCE ADDRESS: |
| ADDRESSEE: Incyte Pharmaceuticals, Inc. |
| STREET: 3174 Porter Drive |
| CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/816,241
FILING DATE: Filed Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 43,5; DE Pred. No. 35; 2; Mismatches
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50 WKIGVFRNQVDSETHCHAERCFLSWFCD 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PF-0239 US
                                                                                    ORGANISM: Saccharomyces cerevisiae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
ATTORNEY, AGENT INFORMATION:
NAME: BILLINGS, LUCY J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-07
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                               42.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               41.8%;
28.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            190 amino acids
                                                                                                                                                                                                                                                                   1223 NILKNAWYCSQQ 1234
                                                                                                                                             Query Match
Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                               5 NLFKNQWFCDVQ 16
                       TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94304
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LIBRARY: PROSTUT09
CLONE: 1646823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
        amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid STRANDEDNESS: sin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                                       US-08-305-790B-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-816-241-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 7
US-09-128-395-1
                                                                                                                                                                                                                                                                                                                                 RESULT 6
US-08-816-241-1
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08/828,488
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Best Local Similarity 42.9%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            480 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWMCNLFKNOWFCD 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              single
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                                                                  ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS: ADDRESSE: Incyte Ph
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Abbar
STREET: 31/2
TTY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GenBank
                   Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIAL
LIBRARY: General
NYE: 190283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: line
                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-299-689A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-828-488-8
                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
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                                    Gaps
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40.9%; Score 42.5; DB 3; Length 181;
Best Local Similarity 26.9%; Pred. No. 46;
Matches 7; Conservative 3; Mismatches 5; Indels 1
                                                                                                                                                                                            Sequence 22, Application US/09029213B
Patent No. 6180098
GENERAL INFORMATION:
APPLICANT: CHRISTIAN, Peter D.
TITLE OF INVENTION: EXPRESSING HETEROLOGOUS DNA
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
46.7%; Pred. No. 2.8e+02; wiemarches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/029,213B
FILING DATE: 13-AUG-1998
CLASSIFICATION: 424
ATTONEY/AGENT INPORMATION:
NAME: CJOSEPH HYOSUK Kim
REGISTRATION NUMBER: 41,425
REPRENCE/DOCKET NUMBER: 50179-048
TELEPROMYUNICATION INFORMATION:
TELEPRAK: 202-756-8000
TELEPRAK: 202-756-8007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Incyte Pharmaceuticals, Inc.
3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NOVEL HUMAN SERINE TITLE OF INVENTION: CARBOXYPEPTIDASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             115 WFCFSDIFKCHDENKLFRKPWKCDIK 140
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                                                                                                                                                                                                                                                                                                                                             McDermott, Will & Emery
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 8, Application US/08828488 Patent No. 5925521
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 202-756-8ub,
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 181 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: McDermott, Will & STREET: 600 13th Street, NW
                                                                                                                                                                                                                                                                                                                                                                                CITY: Washington
STATE: District of Columbia
COUNTRY: USA
                                                                                           163 WFQDLFKDDYFTEVQ 177
                                                                    2 WMCNLFKNQWFCDVQ 16
             Best Local Similarity 46.7
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Ph
                                                                                                                                                              RESULT 9
US-09-029-213B-22
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US-08-828-488-8
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Pred. No. 1.5e+02;
2; Mismatches 6; Indels
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: FastSEQ for Windows Version 2.0
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/828,488
FILING APPLICATION DATA:
APPLICATION NUMBER: Taled Herewith
PRION APPLICATION NUMBER:
FILING APPLICATION NUMBER:
ATTORNY AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 96-0241 US
REFERENCE/DOCKET NUMBER: PF-0241 US
TELEPHONE: 415-85-0555
TELEPHONE: 415-845-4166
INFORMATION FOR SEQ ID NO: 8:
SEQUENTY. CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PSBLESG for Windows Version 2.0
CURRENY APPLICATION DATA:
APPLICATION NUMBER: US/09/299,689A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/09299689A

Patent No. 6379913

GENERAL INFORMATION:
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYEPTIDASE
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Incyte Pharmaceuticals, Inc.
3174 Porter Drive
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APPLICANT: Wang, Aljun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478615
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT APPLICATION NUMBER: US/09/736,157
NUMBER OF SEQ 1D NOS: 1864
SOFTWARE: PastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Daugli, chartening S.
APPLICANT: Panger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retrer, Marc
APPLICANT: Retrer, Marc
APPLICANT: Marnion, Jane
ITLE OF INVENTION: COMPOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                      40.4%; Score 42; DB 4; Length 480; 42.9%; Pred. No. 1.5e+02; Live 2; Mismatches 6; Indels
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42.9%; Pred. No. 1.5e+02;
Live 2; Mismatches 6; Indels
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US-09-671-325-336

; Sequence 336, Application US/09671325

; Patent No. 6667154

; GENERAL INFORMATION:

; APPLICANT: Wang, Tongtong

; APPLICANT: Bangur, Chaitanya S.

· APPLICANT: Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-614-124B-336
; Sequence 336, Application US/09614124B
; Patent No. 6630574
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Lodes, Michael A.
; APPLICANT: Lodes, Michael A.
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Vedvick, Tom
Carter, Darrick
  Carter, Darrick
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Matches 6; Conservative
                       Retter, Marc
Mannion, Jane
Fan, Liqun
                                                                                                                                                                                                                                                                                                                                                                                                                                                  6; Conservative
                                                                                                                                                                                                                                                                                       LENGTH: 480
TYPE: PRT
ORGANISM: Homo sapiens
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                       APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: DIAGNOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C1.4
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastsEQ for Windows Version 3.0
SEQ ID NO 336
TOWNSTHER OF SECTION WINDOWS VERSION 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                      40.4%; Score 42; DB 4; Length 480; 42.9%; Pred. No. 1.5e+02; tive 2; Mismatches 6; Indels
                    NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 9F-0241 US
TELECOMUNICATION INFORMATION:
TELEPANE: 415-85-0555
INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 336, Application US/09736457; Patent No. 6509448; GENERAL INFORMATION: APPLICANT: Wang, Tongtong; APPLICANT: Bangur, Chaitanya S.; APPLICANT: Fanger, Gary; APPLICANT: Vedes, Michael A.; APPLICANT: Vedvick, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 12
US-09-702-705-336
; Sequence 336, Application US/09702705
; Patent No. 6504010
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
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Bangur, Chaitanya S.
Lodes, Michael A.
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                    LENGTH: 480 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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Vedvick, Tom
Carter, Darrick
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ORGANISM: Homo sapiens
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CLONE: 190283
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Best Local Similarity
Matches 6; Conserv
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Matches 6; Conserv
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US-09-736-457-336
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us-09-825-517a-132.rai

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0; Gaps
## APPLICANT: Retter, Marc

### APPLICANT: Mannion, Jane

### APPLICANT: Mannion, Jane

#### APPLICANT: Mannion, Jane

#### APPLICANT: Ban, Lidy

#### TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

#### TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

#### TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

#### TITLE OF INVENTION NUMBER: US/09/671,325

#### CURRENT APPLICATION NUMBER: US/09/671,325

#### CURRENT FILING DATE: 2000-09-26

#### MUMBER: PSEQ ID NOS: 1825

#### SEQ ID NO 336

#### SEQ ID NO 336

#### TYPE: PRT

#### ORGANISM: Homo mapiens

US-09-671-325-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
40.4%; Score 42; DB 4; Length 480;
Best Local Similarity 42.9%; Pred. No. 1.5e+02;
Matches 6; Conservative 2; Mismatches 6; Indels
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Search completed: September 8, 2004, 14:31:46 Job time: 13.3 secs

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us-09-825-517a-131.rapb

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September 8, 2004, 14:25:19; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ggn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
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| cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
| cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
| cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1298764 segs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                       OM protein - protein search, using sw model
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                                                                                                                                                                                                                                                                                                            US-09-825-517A-131
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Maximum DB seq length: 200000000
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                                                                                                                                                                                    Run on:
                                                                                                                                                                                                                                                                                                               Title:
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Sequence 131, App Sequence 39, Appl Sequence 136, App 53, Sequence 4 Sequence 7 Sequence 8 Sequence 4 Sequence 5 Sequence 5 Sequence 5 Description Sequence Sequence Sequence US-09-825-517A-131 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-77 US-09-825-517A-77 US-09-825-517A-81 US-09-825-517A-81 US-09-825-517A-82 US-09-825-517A-82 US-09-825-517A-40 US-09-825-517A-40 US-09-825-517A-45 US-09-825-517A-45 US-09-825-517A-45 US-09-825-517A-48 US-09-825-517A-48 US-09-825-517A-48 Query Match Length DB 95.1 94.2 93.2 92.2 92.2 91.3 Score Result No. 

Sequence 39, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:

121, 134, 38, 42,	62, 44, 489, 489, 489, 120, 120, 120, 120, 120, 120, 120, 120	14 14 13 13 14 16 16 16	71, 108 132 64, 92,	Sequence 94, Appl Sequence 91, Appl Sequence 61, Appl Sequence 61, Appl Sequence 61, Appl Sequence 67, Appl Sequence 79, Appl
-09-825-517A- -09-825-517A- -09-825-517A- -09-825-517A-	US-09-82 US-09-82 US-09-82 US-09-82 US-09-82	US-09-825- US-09-825- US-09-825- US-09-825- US-09-825-	11 US-09-825-517A-71 11 US-09-825-517A-108 11 US-09-825-517A-132 11 US-09-825-517A-92 11 US-09-825-517A-128 11 US-09-825-517A-128	1 US-09-825-517A-9 1 US-09-825-517A-9 1 US-09-825-517A-5 1 US-09-825-517A-5 1 US-09-825-517A-6 1 US-09-825-517A-6 1 US-09-825-517A-7 1 US-09-825-517A-7
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114 114 119 119	0 0 0 0 0 0 1 0 6 4 6 6	31 30 31	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	20 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

## ALIGNMENTS

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          Sequence 11, Application US/09825517A

Sequence 11, Application US/09825517A

Publication No. US20030203415A1

GENERAL INPORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 131

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 103; DB 11;
100.0%; Pred. No. 7.8e-08;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWICNLFKNOWFCDOL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
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US-09-825-517A-131
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US-09-825-517A-39
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 136
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 97.1%; Score 100; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 2.1e-07; Matches 14; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-136
                     APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
FITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTESQ for Mindows Version 4.0
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGN (CEA)
FILE REFERENCE: DXx.016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 136, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWICHLFKNOWFCDQL 16
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APPLICANT: Rondon, Issac J
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US-09-825-517A-73
                                                                                                                                                                                                                                                                               SEQ ID NO 39
LENGTH: 16
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APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016_1 (1421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
                                                                                                                                                                                                                                                                                                                   Score 99, DB 11; Length 16;
Pred. No. 2.8e-07;
2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ROAGON, ISBAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
                                                                                                                                                                                                                                           ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-73
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 73
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 77
LENGTH: 16
TYPE: PRT
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Best Local Similarity 87.5%;
Matches 14; Conservative 2
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US-09-825-517A-43
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ORGANISM: Artificial Sequence

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ORGANISM: Artificial Sequence
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                                                   1 DWVCNLFKNOWFCDTL
        1 DWICHLFKNOWFCDOL
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Best Local Similarity 87.55
Matches 14, Conservative
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Sequence 81, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Neobert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES

FILE REPERENCE: DYX-016.1 (34.21.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR PELICATION NUMBER: US 09/541,345

PRIOR PELICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PESSEREQ for Windows Version 4.0

SEQ ID NO 81

LENGTH: 16
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; APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: ANTIGEN (CEA); FILE REFERENCE: DX-016.1 (3421.1005-001); CURRENT APPLICATION NUMBER: US/09/825,517A; CURRENT APPLICATION NUMBER: US/09/825,517A; PRIOR APPLICATION NUMBER: US 09/541,345; PRIOR PILING DATE: 2000-04-03; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 83
                                                                       Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    93.2%; Score 96; DB 11; Length 16; 87.5%; Pred. No. 7.5e-07;
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                                                                                                               1; Indels
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                                                                Query Match
94.2%; Score 97; DB 11;
Best Local Similarity 87.5%; Pred. No. 5.4e-07;
Matches 14; Conservative 1; Mismatches 1.
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; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-77
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                                                                                                                                                                            93.2%;
87.5%;
                                                                                                                                                     1 DWICNLFKNQWFCDQL 16
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ORGANISM: Artificial Sequence
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Matches 14; Conservative
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Best Local Similarity
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     Indels
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                                                                                                                                                                                                                                                                                                                  APPLICANT: LAGGE, ROBERT C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DNX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PELICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
  Mismatches
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; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-47
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 52
LENGTH: 16
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PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                             Sequence 47, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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Sequence 52, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
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14; Conservative
Matches
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Gaps

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Indels

Length 16;

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APPLICANT: Rondon, ISSAC J
APPLICANT: Rondon, ISSAC J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 53
LENGTH: 16
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING REPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

; PRIOR APPLICATION NUMBER: US 09/541,345
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT PLING NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03.24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOPTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 48
                                                                                                                                                                                                                                                                                                                                                       DB 11; L
                                                                                                                                                                                                                                                                                                                                                     Query Match 91.3%; Score 94; DB Best Local Similarity 100.0%; Pred. No. 1.4 Matches 14; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-48
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Matches 13; Conservative
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US-09-825-517A-57
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Publication Wo. US20030203415A1;
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REFERENCE: DXX-016.1 (3421.1005-001);
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24;
PRIOR APPLICATION NUMBER: US 09/541,345;
PRIOR PRILING DATE: 2000-04-03;
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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Pred. No. 1.4e-06;
1; Mismatches 0,
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10-09-825-517A-48
5 Sequence 48, Application US/09825517A
7 Publication No. US20030203415A1
7 GENERAL INFORMATION:
7 APPLICANT: Rondon, ISSAC J
7 APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWICHLFKNOWFCDQ 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 NWICNLFKNOWFCDO 15
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                               US-09-825-517A-40
                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 40
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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0

Gaps

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Indels

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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 57
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-57

Query Match
Best Local Similarity 100.0%; Pred. No. 1.4e-06;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QV 1 DWICNLEROWRCD 14

Db 1 DWICNLFROWRCD 14
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Search completed: September 8, 2004, 15:58:34 Job time: 43.85 secs

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3: Incyte Pharmaceuticals, Inc. 3174 Porter Drive
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STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
STREET: 317
                                                                                                                                                                                                                                                                    US-09-137-223A-2
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Sequence 8, Appli
Sequence 336, Appli
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Sequence 3, Appli
Sequence 1, Appli
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Sequence 6, Appli
Sequence 7, Appli
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Sequence 7898, Ap
Sequence 82, Appl
                                                                 September 8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 6,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Description
                                                                                                                                                                                                                                                                                                                         Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-299-694-8
US-09-702-705-336
US-09-614-124B-336
US-09-614-124B-336
US-09-614-124B-336
US-09-614-328-336
US-09-5967C-3
US-08-265-967C-3
US-08-305-790B-4
US-08-131-028A-3
US-09-131-028A-3
US-09-131-028A-3
US-09-131-028A-3
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US-09-489-039A-7898
US-08-469-260A-82
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US-09-337-227C-27
US-09-723-251A-27
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US-07-925-695-9
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Maximum Match 100%
Listing first 45 summaries
                                             using sw model
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Gapop 10.0 , Gapext 0.5
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103
1 DWICNLFKNQWFCDQL 16
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Maximum DB seq length: 200000000
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Match Length I
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423
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Perfect score:
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                                                                                                                                                                                                                                                         Sequence 2, Application US/09137223A

Fatent No. 6420525
GENERAL INFORMATION:
APPLICANT: Vee, David P
APPLICANT: Deisher, Theresa A
TITLE OF INVENTION: ZGCL-1
FILE REFERENCE: 97-18
CURRENT APPLICATION NUMBER: US/09/137,223A
CURRENT APPLICATION NUMBER: 06/056,130
CURRENT FILING DATE: 1997-08-19
RIOR APPLICATION NUMBER: 06/056,130
PRIOR FILING DATE: 1997-08-19
NUMBER OF SEQ ID NOS: 16
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Length 478;
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US-08-488-446-82
US-07-344A-82
US-07-925-695-5
US-09-530-903C-4
US-08-50-010-25
US-08-50-010-25
US-08-484-101B-25
US-08-484-101B-25
US-08-363-55-9
US-08-363-55-9
US-09-363-574-9
US-09-363-56-9
US-09-363-56-1
US-09-363-56-1
US-09-439-261-14
US-09-439-261-18
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Pred. No. 49;
5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8, Application US/08828488

Patent No. 592521

GENERAL INPORMATION:
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Glal, Preeti
APPLICANT: Glal, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                              ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   322 EWLSSVYKQQWF 333
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Best Local Similarity 41.7
Matches 5; Conservative
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 LENGTH: 478
TYPE: PRT
ORGANISM: homo sapiens
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Fanger, Gary
APPLICANT: Fanger, Gary
APPLICANT: Vavick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Reter, Marc
APPLICANT: Ban Liqun
COMPOSITION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121,478C14
CURRENT APPLICATION: UNMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastERQ for Wird
IENGTH: APPLICATION: DIAGNOSIS OF THE THERAPY AND
IENGTH: APPLICATION: DIAGNOSIS OF THE THERAPY AND
ITLENGTH: APPLICATION: DIAGNOSIS OF 
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Conservative 2: Min.
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43.8%; Pred. No. 49;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
REFERENCE/DOCKET NUMBER: PF-0241 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         // Sequence 336, Application US/09736457
// Patent No. 6509448
                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEPAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         400 DMACNFMGDEWFVDSL 415
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Bangur, Chaitanya
Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
                                                                                                                                                                               LENGTH: 480 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 43.00
Best Local 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens
US-09-702-705-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 7; Conserva'
                                                                                                                                                                                                                                                                       TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                     GenBank
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                                                                                                                                                                                                                                                                                                                                  ; LIBRARY: GenBa
; CLONE: 190283
US-09-299-689A-8
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APPLICANT:
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APPLICANT:
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llarity 43.8%; Pred. No. 49;
Conservative 2; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastESG for Windows Version 2.0
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,689A
                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: SYSTEM:
SOFRWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 9
CORRESPONDENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                                                                                                  APPLICATION NUMBER: US/08/828,488
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: B.
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: PF-0241 US
REFERENCE/DOCKET NUMBER: PF-0241 US
TELEPHONE: 415-85-055
TELEPHONE: 415-85-416
TELEPHONE: 415-85-416
TELEPHONE: CHARACTERISTICS:
LENGTH 480 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: amino acids
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Patent No. 6379913
GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Billings, Lucy J. REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         400 DMACNFMGDEWFVDSL 415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 7; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: line
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LIBRARY: GenB.
CLONE: 190283
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COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF LUNG CANCER
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APPLICANT: Bodger, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Fonder, Gary
APPLICANT: Corter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Carter, Manc
APPLICANT: Carter, Manc
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210.21.478C8
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT APPLICATION NUMBER: US/09-06-05
NUMBER OF SEQ ID NOS: 827
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: TEMPST, PAUL
APPLICANT: SNYDER, SOLLOMON H.
TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKEP12
TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
44.7%; Score 46; DB 4; Length 480;
Best Local Similarity 43.8%; Pred. No. 49;
Matches 7; Conservative 2; Mismatches 7; Indels
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1001 G STREET, N.W., 11TH FLOOR
                                                                                                         TITLE OF INVENTION: COMPOSITIONS AND METHOR TITLE OF INVENTION: DIAGNOSIS OF LUNG CANG CURRENT APPLICATION NUMBER: US/09/671,325 CURRENT APPLICATION NUMBER: 2000-09-26 NUMBER OF SEQ ID NOS: 1825 SOFTWARE: PastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: SABATINI, DAVID M. APPLICANT: ERDJUMENT-BROMAGE, HEDIYE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 336, Application US/09589184 Patent No. 6686447
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Sequence 3, Application US/08265967C; Patent No. 6476200
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
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LENGTH: 480
TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121.478C15 CURRENT FILING NUMBER: US/09/736,457 CURRENT FILING DATE: 2000-12-13 NUMBER OF SEQ ID NOS: 1864 SOFTWARE: FastSEQ for Windows Transport of the control of the cont
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 44.7%; Score 46; DB 4; Length 480; Best Local Similarity 43.8%; Pred. No. 49; Matches 7; Conservative 2; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 336, Application US/09614124B
Patent No. 6630574
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Lodes, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Maxc
APPLICANT: Retter, Maxc
APPLICANT: Mannion, Jane
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Bangur, Chaitanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
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Best Local Similarity 43.8
Matches 7; Conservative
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CORGANISM: Homo sapiens
US-09-614-124B-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-736-457-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-614-124B-336
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Length 2474;
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Pred. No. 2.7e+02;
3; Indels
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APPLICANT: Mukerji, Pradip
APPLICANT: Lemmed., Steven A.
APPLICANT: Lemmed., Steven A.
APPLICANT: Chaudhary, Sunita
CURRENT FILING BATE: 1999-09-07
FILE REFERENCE: 6004.US. Pl
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT FILING DATE: 1993-05-21
FRIOR PILING DATE: 1993-05-21
NUMBER OF SRQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 4.0
SRQ ID NO 3
LENGTH: 215
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Patent No. 6297866
FACENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Lemmel, Pradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Lenmel, Ananda Eun-Yeong
APPLICANT: Lendhary, Sunita
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
FILE REFERENCE: 6004.US.H. US/09/131,028A
CURRENT FILING DATE: 1998-08-07
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30;
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                                            01107.47225
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                                                                                                                                                                                                                                TOPOLOGY: linear

MOLECULE TYPE: protein

ORIGINAL SOURCE:

US-08-305-790B-4
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US-09-131-028A-3
: Sequence 3, Application US/09131028A
; Patent No. 6287866
               REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEFAX: 197430 BMBB UT
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                  44.78;
54.58;
                                                                                                                                                                                              LENGTH: 2474 amino acids
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12 WFCGLRGNEFFCE 24
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                amino acid
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Best Local Similarity
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US-09-131-028A-13
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APPLICANT: SABATINI, DAVID M.
APPLICANT: ERDJUMENT-BROMAGE, HEDIYE
APPLICANT: LUI, MARX
APPLICANT: TEMPST, PAUL
APPLICANT: TYPER, SOLOMON H.
TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
INUMER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: BANNER & ALLEGRETTI. LTD
STREET: LOIG STREET, N.W., 11TH FLOOR
CITY: WASHINGTON
STATE: D.C.
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Pred. No. 2.7e+02;
2; Mismatches 3; Indels
                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/265,967C
FILING DATE: 27-JUN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: KAGAN, SARAH. 32,141
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107.46363
TELEFONMUNICATION INFORMATION:
TELEFONMUNICATION INFORMATION:
TELEFONMUNICATION INFORMATION:
TELEFONMUNICATION OF SEQ. 10
TELEFAX: 202-508-9299
TELEFAX: 197430 BAMB UT
INFORMATION FOR SEQ. 1D NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2474 amino acids

LENGTH: 2474 amino acids
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/305,790B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Saccharomyces cerevisiae
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CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/265,967
FILING DATE: 27-UN-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
ZIP: 2001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/08305790B Patent No. 6492106
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54.5%;
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Best Local Similarity 54.5
Matches 6; Conservative
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                                     COUNTRY: U.S.A.
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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WASHINGTON
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US-08-305-790B-4
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STATE: CAS

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OFFRATING SYSTEM: DOS

SOFTWARE: FASTSEM FOR Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/128,395

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION:

PRIOR APPLICATION:

PRIOR DATE:

FILING DATE:

PRIOR DATE:

PRIOR DATE:

PRIOR DATE:

PRIOR DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09128395
Patent No. 6087108
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goll, Surya K.
TITLE OF INVENTION: NOVEL RNA EDITING ENZYME
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEB: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
42.2%; Score 43.5; Dest Local Similarity 26.7%; Pred. No. 43;
Matches 8; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ---WFCDQL 16
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REPERENCE/DOCKET NUMBER: PF-0239 US
TELECOMMUNICATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                            PF-0239 US
                                                                                  FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFRENCE/DOCKET NUMBER: PF-0.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
      FILING DATE: Filed Herewith
                                                                                                                                                                                                                                   TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 190 antino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 190 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                         LIBRARY: PROSTUT09
CLONE: 1646823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 WICNLFKNO-
                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-816-241-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 15
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                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 17516, Application US/09252991A
Sequence 17516, Application US/09252991A
Patent No. 6531795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17516
LENGTH: 612
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                                                                                                                                                                                                               43.7%; Score 45; DB 3; Length 215; 46.2%; Pred. No. 30;
                                                                                                                                                                                                                                                           4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/08816241

Patent No. 5804185

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

TILLE OF INVENTION: NOVEL RNA EDITING ENZYME

VORBESCEDONDENCES:

ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS
SOFTWARE: FSESESO for Windows Version 2.0
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/816,241
                                                                                                                                                                                                                                                    3; Mismatches
PRIOR APPLICATION NUMBER: US 08/064,440
PRIOR FILING DATE: 1993-05-21
NUMBER OF SEQ ID NOS: 22
NOTYBARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                           Query Match
Best Local Similarity 46.2
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                2 WICHLFKNOWFCD 14
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12 WFCGLRGNEFFCE 24
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Best Local Similarity 87.5
                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                54 WICNLFAN 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM COM
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 WICNLFKN 9
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CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-252-991A-17516
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 14
US-08-816-241-1
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1;
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                                                                             Query Match 42.2%; Score 43.5; DB 3; Length 190; Best Local Similarity 26.7%; Pred. No. 43; Matches 8; Conservative 3; Mismatches 4; Indels 15
                                                                                                                                        ; IMMEDIATE SOURCE:
; LIBRARY: PROSTUT09
; CLONE: 1646823
US-09-128-395-1
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Search completed: September 8, 2004, 14:31:46 Job time: 14.3 secs

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8, 2004, 12:53:30; Search time 44.3 Seconds (without alignments) 113.793 Million cell updates/sec
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| cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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13: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/USO8_WW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1298764 segs, 315065143 residues
                                                                                                                    OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                 BLOSUM62
Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
                                                                                                                                                                                          September
                                                                                                                                                                                                                                                                                                                  Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Searched:
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                                                                                                                                                                                              Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

105, App 148, App 54, Appl 59, Appl 75, Appl 138, App 143, App Sequence 130, App Sequence 68, Appl Description Sequence US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-146 US-09-825-517A-141 US-09-825-517A-141 US-09-825-517A-166 US-09-825-517A-166 US-09-825-517A-168 US-09-825-517A-54 US-09-825-517A-54 US-09-825-517A-138 US-09-825-517A-138 US-09-825-517A-138 US-09-825-517A-138 US-09-825-517A-138 US-09-825-517A-138 SUMMARIES Query Match Length DB Score Result No.

ice 144, App	126	100	112	122	125	140, App	142, App	Ι.	4, App	, App	, App	Appl	App	Appl	App	App]	App.1	App	Appl	App	App	4pp]	Appl	App,	App	Appl	Appl	App1
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c e	Sequence	uence	nce	ø			Н	14	10	139,	103	65,	101	76.	128	67	78.	127	50,	103	117	91,	80,	114	115	49,	52,	61,
Sequence		Sed	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
09-825-5 09-825-5	09-825-517A-1	5	-60-	09-825-5	-09-825-5	US-09-825-517A-140	5	-60	-09 - 82	-60	-09-825-	US-09-825-517A-65	'n	-60-	60	US-09-825-517A-67	US-09-825-517A-78	-09-825-	-60	-09-825-	-09-825-	-09-825-	US-09-825-517A-80	-09-825-	-09-825-	-09-825-517A-	-09-825-	US-09-825-517A-61
11	11	11	Ξ	11	11	11	디	11	11	17	11	11	11	1	1	11	11	11	11	11	11	11	11	11	11	11	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	. 91	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
81.3	80.4	79.4	78.5	78.5	78.5	78.5	78.5	78.5	9.92	9.92	75.7	74.8	74.8	73.8	73.8	72.9	72.9	72.9	72.0	72.0	72.0	71.0	70.1	70.1	70.1	69.2	69.2	69.2
87	98	82	84	84	84	84	84	84	82	82	81	80	80	79	79	78	78	78	77	77	77	16	75	75	75	74	74	74
16 17	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       16;
                                                                                APPLICANT: Rondon, TREGAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 107; DB 11; Length 100.0%; Pred. No. 1e-07; ative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-130
                       ; Sequence 130, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWVCEWFKAQWFCNML 16
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Best Local Similarity 100.
Matches 16; Conservative
US-09-825-517A-130
                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 130
                                                                                                                                                                                                                                                                                                                                                             LENGTH: 16
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RESULT 2
US-09-825-517A-68
Sequence 68, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:

Sequence

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US-09-825-517A-141
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LENGTH: 16
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US-09-825-517A-115
Sequence 115, Application US/09825517A
Sequence 115, Application US/09825517A
Sequence 115, Application No. US2003023415A1
GENERAL INFORMATION:
APPLICAMT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER: OF SEQ ID NOS: 151
SOPTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 115
LENGTH: 16
APPLICANT: Ladner, Robert C; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TILE REPERENCE: DXX-016.1 (3421.1005-001); CURRENT FILING DATE: 2003-03-24; PRIOR FILING DATE: 2000-04-03 PRIOR FILING DATE: 2000-04-03; SOFWARR: FASESEQ for Windows Version 4.0 ; SEQ ID NO 68
; LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 16;
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81.2%; Pred. No. 7.7e-06;
Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 88.8%; Score 95; DB 11; Length 16
Best Local Similarity 87.5%; Pred. No. 4.2e-06;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-115
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PUDIcation No. US20030203415A1
GENERAL INFORMATION
APPLICANT: ROADM. ISSAC J
ITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITLE OF INVENTION: ANTIGEN (CRA)
ITLE OF INVENTION: ANTIGEN (CRA)
ITLE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-68
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWVCEWFKAQWFCNML 16
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                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 81.2
Matches 13, Conservative
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                                                                                                                                                                                                                                                                                                                   TYPE: PRT
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PRILICA DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 16;
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                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-141
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/824,345
PRIOR APPLICATION NUMBER: US 09/541,345
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84.1%; Score 90; DB 11;
Best Local Similarity 81.2%; Pred. No. 1.9e-05;
Matches 13; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                          Query Match

86.0%; Score 92; DB 11;
Best Local Similarity 81.2%; Pred. No. 1e-05;
Matches 13; Conservative 1; Mismatches 2
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 146
LENGTH: 16
TYPE: PRT
TYPE: PRT
FEATURE:
FEATURE:
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SOFTWARE: FastSEQ for Windows Version 4.0
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y Sequence 56, Application US/09825517A
publication No. US20030203415A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence

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US-09-825-517A-148
Sequence 148, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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                                           1 DWVCEWFKAQWFCNML 16
                                                                                 1 DWVCEYFKSOWMCNML 16
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ORGANISM: Artificial Sequence
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13;
Matches
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER: OF SEQ ID NOS: 151
SOFTWARE: FRASESQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 16
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APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX.016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 105
LENGTH: 16
                                                                                                  Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       83.2%; Score 89; DB 11; Length 16; 81.2%; Pred. No. 2.6e-05;
                                                                                                                                         2; Indels
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                                                                                          ch 83.2%; Score 89; DB 11;
1 Similarity 87.5%; Pred. No. 2.6e-05;
14; Conservative 0; Mismatches 2
                                                                                                                                     0; Mismatches
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                                OTHER INFORMATION: CEA binding polypeptide
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                                                                                                                                                                                                     1 DWVCEWFKAQWFCNML 16
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ORGANISM: Artificial Sequence
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Best Local Similarity 81.24
Matches 13, Conservative
                                                                                          Query Match
Best Local Similarity
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US-09-825-517A-105
                                                   US-09-825-517A-56
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APPLICANT: Rondon, Issac J
TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TILLE OF INVENTION: BANTIGEN (CEA)
TILLE OF INVENTION: ANTIGEN (CEA)
FILE REPREMENT EDXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 148
LENGTH: 16
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Sequence 54, Application US/0982517A

Sequence 54, Application US/0982517A

Sequence 54, Application US/0982517A

Publication No. US20030203415A1

APPLICANT: Rondon, Isaac J

APPLICANT: Rondon, Isaac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR PRILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 83.2%; Score 89; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 2.6e-05; Matches 13; Conservative 0; Mismatches 3; Indels
  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-148
  1;
Mismatches
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1 DWVCEWFKAQWFCNML 16
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US-09-825-517A-137
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Sequence 75, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION.

APPLICANT: Rondon, Issac J

APPLICANT: Radner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT RILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: US 09/541,345

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASTERO for Windows Version 4.0

SEROID NO 75
Application US/09825517A

Sequence 59, Application US/09825517A

Sequence 59, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TILLE OF INVENTION: BINDING NETS:

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 59

LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 16;
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81.2%; Pred. No. 3.6e-05;
tive 2; Mismatches 1; Indels
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, OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-75
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APPLICANT: Rondon, Issac J APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCEWFKAQWFCNML 16
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Best Local Similarity 81.2'
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US-09-825-517A-138
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-143
                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-138
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA.) FILE REFERENCE: DYX-016.1 (3421.1005-001) CURRENT FILING TOWN NUMBER: US/09/825,517A CURRENT FILING DATE: 2003-03-24 PRIOR APPLICATION NUMBER: US 09/541,345 PRIOR FILING DATE: 2000-04-03 NUMBER OF SEQ ID NOS: 151 SOFTWARE: FASTSEQ for Windows Version 4.0 SEQ ID NO 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 82.2%; Score 88; DB 11;
Best Local Similarity 81.2%; Pred. No. 3.6e-05;
Matches 13; Conservative 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 143
LENOTH: 16
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Sequence 143, Application US/09825517A; Publication No. US20030203415A1
GENERAL INFORMATION:
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; NUMBER OF SEQ ID NOS: 151
; SGTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-137

Query Match
Best Local Similarity 75.0%; Pred. No. 4.8e-05;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps

QY I DWVCEWFKAQWFCNML 16
Db 1 DWVCEFFKSQWYCNIL 16
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Search completed: September 8, 2004, 14:25:10 Job time: 45.3 secs

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Sequence 6001, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 5666, Ap
Sequence 7155, Ap
Sequence 4, Appli
Sequence 4, Appli
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31879, A
6, Appli
16, Appl
                                                           8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -09-252-991A-28111
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US-09-621-976-7155
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US-09-058-376-4
US-08-568-459A-20
US-08-487-826B-32
                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-210-288-20
US-08-568-459A-12
US-08-487-826B-12
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US-09-721-870-28
US-10-158-847-83
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-08-827-570-86
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US-08-444-818-24
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                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                         - protein search, using sw model
                                                                                                                                                  Gapop 10.0 , Gapext 0.5
                                                                                                                       1 DWVCEWFKAQWFCNML 16
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                                                                                                   US-09-825-517A-130
107
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Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
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Sequence 28, Appl	Sequence 6, Appli	ý	11	36,	36, 1	30.	٥.	54	_	75.	89	23.	23	23	23	
US-08-444-818-28 US-08-850-328-4	US-08-867-611-6	US-09-690-359-6	PCT-US92-06965A-11	US-08-867-611-36	US-09-690-359-36	US-08-444-818-30	US-10-104-966-9	US-08-444-818-54	US-08-444-818-66	US-08-444-818-75	US-08-444-818-89	US-08-466-975A-23	US-08-391-671A-23	US-08-467-902A-23	US-09-275-265-23	US-09-941-611-23
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38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
28 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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Sequence 6001, Application US/09134000C

Sequence 6001, Application US/09134000C

Patent No. 6617156

GENERAL INFORMATION:

TITLE OF INVENTION:

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

TITLE OF INVENTION: EMPEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: 032796-032

CURRENT APPLICATION NUMBER: US/09/134,000C

CURRENT FILING DATE: 1998-08-13

PRIOR APPLICATION NUMBER: US 60/055,778

PRIOR PRIOR FILING DATE: 1997-08-15

NUMBER OF SEQ ID NOS: 6812

SOFTWARE: Patentin version 3.1

SEQ ID NO 6001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3: ARLES A. TAYLOR, JR. SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/09061768A

Patent No. 6204037

GENERAL INFORMATION:
APPLICANT: BRASH, ALAN R.
APPLICANT: BOGGLIN, WILLIAM E.
APPLICANT: JUSARA, MITSUO
ITLLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     47.7%; Score 51; DB 4; Length 487; 53.8%; Pred. No. 5.5; 3; Indels iive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 27707
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
COMPUTER: IBM PC/XT/AT compatible
                                                                                                                                                                                                                                                                                                                                                                                                                               ) ORGANISM: Enterococcus faecalis US-09-134-000C-6001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              :| :||||: ||
29 NWFTKWFKAERFC 41
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Best Local Similarity 53.8
Matches 7; Conservative
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RESULT 1
US-09-134-000C-6001
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US-09-061-768A-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
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                                                                                                                                                                                        Length 677;
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Pred. No. 5.2;
3; Mismatches 3; Indels
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                                                                                                                                                                                                                                                    3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5666, Application US/09621976
Sequence 5666, Application US/09621976
Sequence 5666, Application US/09621976
Sequence 5666, Application US/09621976
Sequence 5666, Application:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Glordano, J.Y.
TITLE FEFERENCE: GENSET: 054PR2
TITLE FEFERENCE: GENSET: 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
SOFTWARE: Patent.pm
SOFTWARE: Patent.pm
SEQ ID NO 566
LENGTH: 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Glordano.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
                                                                                                                                                                                        Score 49; DB 4;
Pred. No. 15;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 46; DB 4
Pred. No. 4.1;
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CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 7155
                                                                           TOPOLOGY: unknown
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-621-976-7155; Sequence 7155, Application US/09621976; Patent No. 6639063
                  TYPE: amino acid
STRANDEDNESS: single
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Best Local Similarity 45.5
Matches 5, Conservative
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5, Conservative
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CORGANISM: Homo sapiens
US-09-621-976-7155
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ORGANISM: Homo sapiens
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Best Local Similarity
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NAME/KEY: SIGNAL
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LOCATION: -24..-1
US-09-621-976-5666
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Best Local S:
Matches 5
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Sequence 4, Application US/09764246

Patent No. 6649355

GENERAL INFORMATION:
BOEGLIN, WILLIAM E.
JISAKA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES:
ADDRESSES:
ADDRESSES:
ADDRESSES:
ATTE: NORTH CANOLINA
CITY: DURHAM
CITY CONTY CONTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             45.8%; Score 49; DB 3; Length 677; 50.0%; Pred. No. 15;
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APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Indels
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APPLICATION NUMBER: «Unknown»
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
REFERENCE/DOCKET NUMBER: 1242/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORD PERFECT 6.1 and ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/061,768A
FILING DATE: APRIL 16, 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
TELEFAX: (919) 419-0383
                                                                                                            FILING DATE: APRIL 16, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA: NONE
APPLICATION NUMBER:
FILING DATE:
NAME: ALLES A. TAYLOR.
REGISTRATION NUMBER: 39,395
REPRENCE/POCKET NUMBER: 1242.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 677 amino acids
TYPE: amino acid
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 27707
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (919) 493-80(
TELEFAX: (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | | ||: :|
88 WFCRWFELEW 97
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 5; Conserval
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           unknown
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US-09-061-768A-4
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US-09-764-246-4
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Sequence 20, Application US/08568459A

Patent No. 5849306

GENERAL INFORMATION:
APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Willer, Louis H.
APPLICANT: Willer, Louis H.
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            42.1%; Score 45; DB 3; Length 393; 41.2%; Pred. No. 34; tive 3; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,459A
FILING DATE: 07-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRBET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Knobbe Martens Olson & Bear
                                                                                                                                                                                                                                                   FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0113 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/058,376
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/689,974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 360 WLAVWFKMGSSWLCLLL 376
                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 415-645-4166
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 393 amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 41.2%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             459890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: US
ZIP: 92660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
STREET: 62
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LIBRARY:
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                                                                                                                       ; Sequence 4, Application US/08689974
; Patent No. 5776732
; GENERAL INFORMATION:
; APPLICANT: Haw-Young, Janice
APPLICANT: Haw-Young, Jun E.;
; APPLICANT: Murray, Lynn E.;
; TITLE OF INVENTION: NOVEL HUMAN INDUCED TUMOR PROTEIN
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 42.1%; Score 45; DB 1; Length 393; Best Local Similarity 41.2%; Pred. No. 34; Matches 7; Conservative 3; Mismatches 5; Indels
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Patent No. 6080841

GENERAL INFORMATION:

APPLICANT: Hawkins, Phillip R.

APPLICANT: Hawkins, Phillip R.

APPLICANT: Murray, Lynn E.

TITLE OF INVENTION: NOVEL HUMAN INDUCED TUMOR PROTEIN
NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: FastSEQ Version 1.5
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,974
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
RECISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 9F-0113 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 4:
SEQUENCE CHRACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         360 WLAVWFKMGSSWLCLLL 376
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 393 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
| |::|:| | 45 DWLADWWKVGW 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LIBRARY: GenBank
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                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                      US-08-689-974-4
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APPLICANT: Sim, Kim L.
APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miler, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                  Gaps
                                                                                                  7
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                                                           Length 411;
                                                                                                  1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TADDERSEE: Knobbe Martens Olson & Bear STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach STATE: California COUNTRY: US ZIP: 92660 COMPUTER READBLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATIBLE OF PC-DOS/MS-DOS SOFTWARE: PATENTIN PC-DOS/MS-DOS SOFTWARE: PATENTIN PC-DOS/MS-DOS SOFTWARE: PATENTIN DATA: APPLICATION NUMBER: US/09/210,288
                                                       Score 45; DB 2;
Pred. No. 36;
3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 45; DB 4
Pred. No. 36;
3; Mismatches
                                                                                                                                                                                                                                                                   US-09-210-288-20; Sequence 20, Application US/09210288; Patent No. 6392026; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
ATTORNEY AGENT IRFORMATION:
NAME: Fuller, Michael
REGISTRATION NUMBER: 36,516
REFRENCE/DOCKET NUMBER: NIH1:
TELECOMMUNICATION INFORMATION:
TELECHONE: (619) 235-8650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (619) 235-8550
TELEPAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 20: SEGUIENCE CHARACTERISTICS:
LENGTH: 411 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     42.1%;
                                                           42.1%;
50.0%;
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Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                   229 WMTEW--AEWYC 238
                                                           Query Match 42.1
Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 WVCEWFKAQWFC 13
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                                                                                                                                             2 WVCEWFKAQWFC 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                amino acid
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ORIGINAL SOURCE:
US-09-210-288-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
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; ORIGINAL SOURCE:
US-08-487-826B-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 11
US-08-568-459A-12
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Sequence 32, Application US/08487826B

Patent No. 593827

GENERAL INFORMATION:
APPLICANT: Sim, Kim L.
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Su, Xin-zham
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ENTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 45
CORRESPONDENCES: 45
ADDRESSONDENCES: 45
CORRESPONDENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                               1;
                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                               5
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Pred. No. 36;
3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,826B
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Knobbe Martens Olson & Bear STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach Center Drive 16th Floor CATAE: California COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-626
INFORMATION FOR SEQ ID NO: 32: SEQUENCE CHARACTERISTICS:
  REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-850
TELEPAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 411 amino acids
                                                                                                                                                                                                                                                                                                                                                        42.1%;
50.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 411 amino acids
TYPE: amino acid
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AUGUST linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SFRORD
                                                                                                                                               TYPE: amino acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                        Query Match 42.1
Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              229 WMTEW--AEWYC 238
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FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                       2 WVCEWFKAQWFC 13
                                                                                                                                                                                                                                                                         internal
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                                                                                                                                                                                                                                                                   FRAGMENT TYPE: ; ; ORIGINAL SOURCE: US-08-568-459A-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino a STRANDEDNESS:
                                                                                                                                                                                                                                HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-487-826B-32
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APPLICANT: Peterson, Jourid S.
APPLICANT: Su, Xin-zhaun
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND FLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 45; DB 2; Length 2710;
Pred. No. 2.5e+02;
3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Indels
                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: US/08/487,826B
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
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ZIP: 92660

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/210,288
                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEPHONE: (619) 235-8550
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 2710 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Knobbe Martens Olson & Bear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 12, Application US/09210288
Patent No. 6392026
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 42.1%;
50.0%;
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Chitnis, Chetan
Miller, Louis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1138 WMTEW--AEWYC 1147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 WVCEWFKAQWFC 13
         Newport Beach: California
RY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Ma.
STREET: 620 Newport
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORIGINAL SOURCE:
                                                                               92660
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-487-826B-12
                               STATE: C. COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -09-210-288-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: C
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                                                            APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Peterson, David S.
APPLICANT: Wellem: Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AD PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 12, Application US/08487826B

Patent No. 5993827

APPLICANT: Sim, Kim L.

APPLICANT: Chitnis, Chetan

APPLICANT: Chitnis, Chetan

APPLICANT: Su, Xin-zhaun

APPLICANT: Wellems, Thomas E.

APPLICANT: Wellems, Thomas E.

TITLE OF INVENTION: BINDING DOMAINS FROW PLASMODIUM VIVAX

TITLE OF INVENTION: BINDING DOMAINS FROW PLASMODIUM VIVAX

TITLE OF INVENTION: BINDING DOMAINS FROW PLASMODIUM FALCIPARUM ERTHROCYTE BINDING PROTEINS

WUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe Martens Olson & Bear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE PATENTIN Release #1.0, Version #1.25
SOFTWARE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,459A
FILING DATE: 07-DEC-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: ISTABLISCH, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: 29,655
REFERENCE/DOCKET NUMBER: 0,655
TELLEPHONE: (619) 235-0350
TELLEPHONE: (619) 235-0350
TELLEPHONE: (619) 235-0376
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                    ADDRESSEE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
GITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     42.1%; Score 45; DB 2; I 50.0%; Pred. No. 2.5e+02;
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620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
Application US/08568459A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Plasmodium falciparum
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 50.0°
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORIGINAL SOURCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-487-826B-12
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Gaps

5

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Query Match
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Sequence 14, Application US/08487826B

Patent No. 5993827

GENERAL INFORMATION

APPLICANT: Chitnis, Chetan

APPLICANT: Miller', Louis H.

APPLICANT: Miller', Louis H.

APPLICANT: Wellems, Thomas B.

APPLICANT: Wellems, Thomas B.

TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX

TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS

NUMBER OF SEQUENCES: 45

CORRESPONDENCES ADDRESS:

ADDRESSEE: ROODE Martens Olson & Bear

STREET: 620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ij
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MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTE: IBM PC compatible
COMPUTE: 10-DSP-193
SPILICATION NUMBER: US/08/487,826B
FILING DATE: 10-SEP-193
CLASSIFICATION NUMBER: US/08/487,826B
FILING DATE: 10-SEP-193
CLASSIFICATION NUMBER: 29,655
ATTORNEY/AGENT INFORMATION:
NAME: ISTCABLE SEN, NUMBER: NIHIZI.001CPI
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SESSO
TELEBRAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
TURNEY AND ACTERISTICS:
TOWNEY AND ACTERISTICS
TOWNEY AND ACTERISTI
REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NIH121.1FWDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-856
TELEPAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 2710 amino acids
                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORGANISM: Plasmodium falciparum
ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1: || |:|:|
1138 WMTEW--AEWYC 1147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 WVCEWFKAQWFC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Newport Beach
STATE: California
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
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US-08-487-826B-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-210-288-12
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42.1%; Score 45; DB 2; Length 3060;

Query Match

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                        Gaps
                                                                                                                                                                                                    Sequence 28 Application US/09721870

| Sequence 28 Application US/09721870
| Patent No. 6632621
| GENERAL INFORMATION:
| APPLICANT: Lowery, David E. |
| APPLICANT: Kubiak, Teresa M. |
| APPLICANT: Larear, Martha J. |
| TITLE OF INVENTION: MOULLATORS OF G PROTEIN-COUPLED RECEPTORS FILE REFERENCE: 28341/6223 CURRENT FILING DATE: 2000-11-24 NUMBER OF SEQ ID NOS: 180 |
| SOFTWARE: PatentIn Ver. 2.0 |
| SEQ ID NO 28 |
| LENGTH: 381 |
| TYPE: PRT |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 4; Length 381;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                        1; Indels
Best Local Similarity 50.0%; Pred. No. 2.9e+02; Matches 6; Conservative 3; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pred. No. 55;
3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        40.7%; Score 43.5; 28.0%; Pred. No. 55;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Search completed: September 8, 2004, 12:58:40 Job time : 13.2 secs
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                                                                                                            1136 WMTEW--AEWYC 1145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 28.0
Matches 7; Conservative
                                                                      2 WVCEWFKAQWFC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-09-721-870-28
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8, 2004, 12:53:30 ; Search time 44.3 Seconds (without alignments) 113.793 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                        GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                 1298764 seqs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
                                           using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                          103
1 DWVCNLFKNQWFCDVM 16
                                                                                                                US-09-825-517A-129
                                                                                                                                                                                                                                             Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                           OM protein - protein search,
                                                                   September
                                                                                                             Title:
Perfect score:
                                                                                                                                                            Scoring table:
                                                                                                                                       Sequence:
                                                                                                                                                                                              Searched:
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                                                                   Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 81, Appl Sequence 83, Appl	121,	69	128,	132,	14	47, 1	48,	Ŋ	73,	77,	57,	84,	119		134	66	41,	43,	98	99		64,	40,		79,		68	92,
US-09-825-517A-81 US-09-825-517A-83	ŧ	US-09-825-517A-69	US-09-825-517A-128	US-09-825-517A-132	US-09-825-517A-145	US-09-825-517A-47	US-09-825-517A-48	US-09-825-517A-53	US-09-825-517A-73	US-09-825-517A-77	US-09-825-517A-57	US-09-825-517A-84	US-09-825-517A-119	US-09-825-517A-131	US-09-825-517A-134	US-09-825-517A-99	US-09-825-517A-41	US-09-825-517A-43	-60-	US-09-825-517A-66	09-825-	US-09-825-517A-64	US-09-825-517A-40	US-09-825-517A-71	US-09-825-517A-79	-09-825-	US-09-825-517A-89	US-09-825-517A-92
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	1	11	11	11	11	11	11	11	11
16 16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
93.	6 9	5 92.	5 92.	5 92.	n o	94 91.3		4	94 91.3	4				93 90.3		92 89.3					o	<b>α</b>	88 85.4	80	88 85.4	œ	87 84.5	87 84.5
16 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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Sequence 42, Application US/09825517A

Sequence 42, Application US/09825517A

Publication No. US20030203415A1

Sequence 42, Application No. US20030203415A1

Sequence 42, Application No. US20030203415A1

Sepulcan: Rondon, Issac 7

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEC. 1)

TITLE OF INVENTION: BATGEN US/09/825,517A

TITLE OF INVENTION: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

LENGTH: 16

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 42

LENGTH: 16

OGGANISM: Artificial Sequence

FEATURE:

OGGANISM: Artificial Sequence

FEATURE:

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OGGENISM: Artificial Sequence
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; Sequence 129, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:

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US-09-825-517A-124
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                                                                                                                                                                                                                                                                  TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
SPRIOR SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
FROM TOWN OF THE PART OF 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-129
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FREEENCH CONTINUED TO SEC TO WINDOWS VERSION 4.0
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APPLICANT: Ladner. Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT PRELICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 103; DB 11; Best Local Similarity 100.0%; Pred. No. 9.3e-08; Matches 16; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 38, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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hes 15; Conservative
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US-09-825-517A-38
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LENGTH: 16
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97.1%; Score 100; DB 11; Length 16;
Best Local Similarity 93.8%; Pred. No. 2.4e-07;
Matches 15; Conservative 1; Mismatches 0; Indels
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANYIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: 08/09/025,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARR: FaetSEQ for Windows Version 4.0
SEQ ID NO 124
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APPLICANT: Ladner, Robbert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: BANTIGEN (CEA);
TITLE OF INVENTION: ANTIGEN (CEA);
TITLE OF INVENTION: ANTIGEN (CEA);
CURRENT APPLICATION NUMBER: US/09/825,517A;
CURRENT FILING DATE: 2003-03-24;
PRIOR APPLICATION NUMBER: US 09/541,345;
PRIOR PLING DATE: 2000-04-03;
NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5: 0
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96.1%; Score 99; DB 11; Length 16

Best Local Similarity 93.8%; Pred. No. 3.4e-07;

Matches 15; Conservative 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                          OTHER INFORMATION: CEA binding polypeptide
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 52
LENGTH: 16
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. Sequence 50, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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RESULT 10
US-09-825-517A-120
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LENGTH: 16
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03
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                                                                                                                  Length 16;
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95.1%; Score 98; DB 11;
Best Local Similarity 93.8%; Pred. No. 4.6e-07;
Matches 15; Conservative 1; Mismatches 0,
                                        OTHER INFORMATION: CEA binding polypeptide
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 58
LENGTH: 16
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 15, Conservative
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Best Local Similarity
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US-09-825-517A-58
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TILLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-03
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOUTHWARE: FASTSEQ FOR WINDOWS Version 4.0
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
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Mismatches
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PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120
LENGTH: 16
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Conservative
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; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-39
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US-09-825-517A-45
Sequence 45, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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Best Local Similarity 86.7
Matches 13; Conservative
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US-09-825-517A-46
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             Sequence 37, Application US/09825517A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016 1 (4421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOSS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2003-03-24
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 136
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 87.5%; Pred. No. 6.4e-07;
Matches 14; Conservative 2; Mismatches 0;
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Sequence 136, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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10.09-825-517A-39
; Sequence 39, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INPORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
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LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, RNDert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        93.2%; Score 96; DB 11; Length 16; 86.7%; Pred. No. 8.8e-07; tive 2; Mismatches 0; Indels
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93.2%; Score 96; DB 11; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.8e-07;
Matches 14; Conservative 1; Mismatches 1; Indels
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTESQ for Windows Version 4.0
SEQ ID NO 39
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NUMBER OF SEQ ID NOS: 22
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Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-328-352-5022
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UUUUUUUUU 4 4 4 4 4 4 6 4 6 6		SULT 1  Sequence 3, Application US/09131028A  Aatent No. 6281866  APPLICANT: Abbott Laboratories  APPLICANT: Demmel, Steven A  APPLICANT: Leomard, Amanda Eun-Yeong  APPLICANT: Chaudhary, Sunita  APPLICANT: Chaudhary, Sunita  APPLICANT: Chaudhary, Sunita  TILLE REFERENCE: 6004.US.Pl  CURRENY APPLICATION NUMBER: US/09/131,028A  PRIOR APPLICATION NUMBER: US/09/131,028A  PRIOR PILING DATE: 1998-08-07  PRIOR FILING DATE: 1998-05-21  SOFTWARE: FastSEQ for Windows Version 4.0  LENGTH: 215  TYPE: PRT  ORGANISM: Application Sapiens  ORGANISM: Application Sapiens	1 Similarity 50 7; Conservativ	WVCNLFKNOWFCDV         ::  :  WFCGLRGNEFFCEV	Sequence 13, Application US/09131028A Sequence 13, Application US/09131028A Patent No. 6297866 APPLICANT: Abbott Laboratories APPLICANT: Abbott Laboratories APPLICANT: Lemmel, Steven A APPLICANT: Leomel, Steven A APPLICANT: Leomel, Steven A APPLICANT: Chaudhary, Sunita APPLICANT: Chaudhary, Sunita TITLE OF INVENTION: BETA-CASEIN EXPRESSING OF FILE REFERENCE: 6004 US. P1 CURRENT APPLICATION NUMBER: US/09/131,028A CURRENT FILING DATE: 1998-08-07 PRIOR FILING DATE: 1993-05-21
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00000000000000000000000000000000000000		SULT 1 Sequence 3, Applicat Sequence 3, Applicat Patent No. 6287966 APPLICANT: Abbott L APPLICANT: Lemmel, APPLICANT: Lemmel, APPLICANT: Lemmel, APPLICANT: Lemmel, APPLICANT: Lemmel, APPLICANT: Chaudha TITLE OF INVENTION: FILE REFERENCE: 600 CURRENT APPLICATION CURRENT FILING DATE PRIOR FILING DATE PRIOR FILING DATE PRIOR FILING DATE: PRIOR FILING DATE: TOWNSER OF SEQ ID NO SOFTWARE: FASTSOF SEQ ID NO SOFTWARE: PASTSOF	Query Match Best Local S Matches 7		SULT 2 Sequence 13, Applicat Sequence 13, Applicat Sequence 13, Applicat GENERAL INFORMATION: APPLICANT: Abbott La APPLICANT: Lemmel, APPLICANT: Lemmel, APPLICANT: Lemmel, APPLICANT: Chanard, APPLICANT: GURRENT APPLICATION CURRENT APPLICATION CURRENT FILING DATE PRIOR FILING DATE: APPLICATION PRIOR FILING DATE PR
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GENERAL INCOMENTION

GENERAL INCOMENTION

APPLICANT: Clark, Ross G.

APPLICANT: Cochran, Andrea G.

APPLICANT: Cochran, Henry B.

APPLICANT: Lowent Henry B.

APPLICANT: APPLICANT: Ncholas J.

TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES

FILE REFERENCE: P1071P2.rev

CURRENT APPLICATION NUMBER: US/09/337,227C

CURRENT FILING DATE: 1999-06-22

PRIOR FILING DATE: 1999-06-22

PRIOR FILING DATE: 1998-06-31

PRIOR FILING DATE: 1997-04-04

NUMBER OF SEQ ID NOS: 51

LENGTH: 21
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APPLICANT: Malutan, Tabita
APPLICANT: Donly, Cam
APPLICANT: Caveney, Stan
APPLICANT: Caveney, Stan
TITLE OF INVENTION: INSECT MONOAMINE TRANSPORTER AND METHODS
TITLE OF INVENTION: OF USE THEREOF
FILE REFERENCE: AP32505 072667.0133
CURRENT APPLICATION WUMBER: US/09/587,811A
CURRENT FILING DATE: 200-06-06
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGHI: 670
TYPE: PRT
ORGANISM: Trichoplusia ni
US-09-587-811A-2
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                                                                                                                                  US-09-587-811A-2; Sequence 2, Application US/09587811A
; Sequence 2, Application US/09587811A
; Patent No. 6677443
; GENERAL INFORMATION:
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Best Local Similarity 56.2'
Matches 9; Conservative
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## Sequence 17516, Application US/0925291A
## Sequence 17516, Application US/09252991A
## Sequence 17516, Application US/0925291A
## Sequence 175195
## GENERAL INFORMATION:
## TITLE OF INVENTION:
## TITLE OF INVENTION:
## APPLICATION NUMBER: US/09/252,991A
## CURRENT APPLICATION NUMBER: US/09/252,991A
## CURRENT PILING DATE: 1999-02-18
## PRIOR FILING DATE: 1998-02-18
## PRIOR FILING DATE: 1998-07-27
## NUMBER OF SEQ ID NOS: 33142
## SEQ ID NO 17516
## LENGTH: 612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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Sequence 2, Application US/09137223A

Sequence 3.

GENERAL INFORMATION:

APPLICANT: Yes, David P

APPLICANT: Deisher, Theresa A

TITLE OF INVENITON: TESTIS-SPECIFIC TRANSCRIPTION FACTOR

TITLE OF INVENITON: 2GCL-1

FILE REFERENCE: 97-18

CURRENT APPLICATION NUMBER: US/09/137,223A

CURRENT FILING DATE: 1997-08-19

PRIOR FILING DATE: 1997-08-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          43.7%; Score 45; DB 4; Length 478; larity 41.7%; Pred. No. 62; Conservative 5; Mismatched
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
42.7%; Score 44; DB 4; Length 612;
Best Local Similarity 75.0%; Pred. No. 1.18+02;
Matches 6; Conservative 1; Mismatches 1; Indels
                                                                                                                                                       Score 48; DB 3; Length 215;
Pred. No. 10;
3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 478
    SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pseudomonas aeruginosa
                                                                                                                                                              Query Match
Best Local Similarity 50.0%;
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                 12 WFCGLRGNEFFCEV 25
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                                                                   TYPE: PRT
CORGANISM: Homo sapiens
US-09-131-028A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: homo sapiens
US-09-137-223A-2
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Best Local Similarity
Matches 5; Conserva
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US-09-252-991A-17516
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                            SEQ ID NO 13
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Length 480;
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Pred. No. 1.2e+02;
2; Mismatches 6;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: DISKETTE
COMPUTER: DOS
SOFTWARE: FASTEM: DOS
CURRENT APPLICATION DATA:
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,488
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: BIllings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 8, Application US/09299689A Patent No. 6379913
GENERAL INFORMATION:
APPLICANT: Hawkins, Phillip R. APPLICANT: Hawkins, Phillip R. APPLICANT: Hillman, Jennifer L.
    TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-855-4166
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 480 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                    41.78;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              41.78;
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Best Local Similarity 42.9
Matches 6; Conservative
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                                                                                                                                                                                                                LIBRARY: GenBank
CLONE: 190283
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CA
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LIBRARY: GenBank
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TOPOLOGY: lin
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STREET: 31
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                                                                                                                                                                                                                                                         US-08-828-488-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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Sequence 27, Application US/09723251A

Sequence 27, Application US/0972351A

Sequence 27, Application US/0972351A

Sequence 27, Application US/0972351A

SERERAL INFORMATION:

APPLICANT: Clark, Ross G.

APPLICANT: Cochran, Andrea G.

APPLICANT: Cochran, Andrea G.

APPLICANT: Cochran, Andrea G.

APPLICANT: Scolinson, Iain C.A.F.

APPLICANT: Skelinson, Iain C.A.F.

APPLICANT: Skelinson, Iain C.A.F.

APPLICANT: Skelinson, Iain C.A.F.

SPIOR REFERRENCE: PLOTIPECIL.2Rev

CURRENT APPLICATION NUMBER: US/09/723,251A

PRIOR APPLICATION NUMBER: US 09/337,227

PRIOR FILING DATE: 1999-06-12.

PRIOR FILING DATE: 1999-06-22

PRIOR FILING DATE: 1999-06-22

SEQ ID NO 27

LENGTH: 27

TWORDER OF SEQ ID NOS: 51

TWORDER OF SEQ ID NOS: 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   41.7%; Score 43; DB 4;
46.2%; Pred. No. 4.9;
tive 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: DOS
SOFTWARE: FSSIESC for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,488
FILING DATA: FILE HEEWITH
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 8. Application US/08828488

Patent No. 592521
GENERAL INFORMATION:
APPLICANT: Handman, Olga
APPLICANT: Hallman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Sequence is synthesized
; Patent No. 6608028
US-09-723-251A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: JICYTE Pharmaceuticals, Inc. STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0241 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 WVCNLFKNQWFCD 14
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Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
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APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILLING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FREESEQ for Windows Version 3.0
SEQ ID NO 336
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42.9%; Pred. No. 1.2e+02;
tive 2; Mismatches 6; Indels
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                       6; Indels
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42.9%; Pred. No. 1.2e+02;
tive 2; Mismatches 6;
Best Local Similarity 42.9%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 6
                                                                                                                                                                                                                        Sequence 336, Application US/09614124B Patent No. 6630574 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 336, Application US/09671325; Patent No. 6667154; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
                                                                                                                                                                                                                                                                                         APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           400 DMACNEMGDEWEVD 413
                                                                                                   400 DMACNFMGDEWFVD 413
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Vedvick, Tom
Carter, Darrick
                                                                  1 DWVCNLFKNOWFCD 14
                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lodes, Michael APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 42.8
Matches 6; Conservative
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Best Local Similarity 42.9
Matches 6; Conservative
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US-09-671-325-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
CRGANISM: Homo sapiens
US-09-614-124B-336
                                                                                                                                                                                                        US-09-614-124B-336
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US-09-671-325-336
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Carter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fen, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REPERENCE: 210121.4766.14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT APPLICATION NUMBER: US/09/702,705
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: PastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Fan, Lidun
APPLICANT: Ran, Lidun
APPLICANT: Mannion, Addun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210.11.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12.13
NUMBER OF SEQ 1D NOS: 1864
SOFTWARE: FastSEQ for Windows Version 3.0
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Pred. No. 1.2e+02;
2; Mismatches 6; Indels
             Pred. No. 1.2e+02;
2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 336, Application US/09736457
Patent No. 6509448
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
                                                                                                                                                                                                                               Sequence 336, Application US/09702705 Patent No. 6504010 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
                                                                                                                                                                                                                                                                                                      Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
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           Best Local Similarity 42.9%;
Matches 6; Conservative
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                                                                                                            400 DMACNFMGDEWFVD 413
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                                                                                1 DWVCNLFKNQWFCD 14
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Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 11
US-09-736-457-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-736-457-336
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US-09-702-705-336
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LENGTH: 480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 336
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APPLICANT:
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                                                                                                        US-09-589-184-336

| Sequence 335, Application US/09589184
| Sequence 335, Application US/09589184
| Patent No. 6686447
| GENERAL INFORMATION:
| APPLICANT: Wang, Tongtong
| APPLICANT: Bangur, Chaitanya S.
| APPLICANT: Fanger, Gary
| APPLICANT: Retter, Dance, Michael A.
| APPLICANT: Retter, Dance, March APPLICANT: Retter, March APPLICANT: Mannion, Jance | TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER | FILE REFERENCE: 21012.478C8 |
| CURRENT APPLICATION NUMBER: US/09/589,184 |
| CURRENT FILING DATE: 2000-06-05 |
| SOFTWARE: FastSEQ for Windows Version 3.0 |
| LEAGTH: 480 |
| LEAGTH: 480 |
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41.7%; Score 43; DB 4; Length 480;
Best Local Similarity 42.9%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 6; Indels
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US-08-816-241-1
Sequence 1, Application US/08816241
Patent No. 5804185
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIF 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: DATE: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/816,241
FILING DATE: Filed Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0239 US
                               400 DMACNFMGDEWFVD 413
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1 DWVCNLFKNOWFCD 14
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US-09-589-184-336
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41.3%; Score 42.5; DB 1; Length 190;
Best Local Similarity 28.6%; Pred. No. 55;
Matches 8; Conservative 2; Mismatches 3; Indels 15
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Job time : 12,2 secs
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TELECOMMUNICATION INFORMATION:
TELEPRA: 415-855-0555
TELEPRA: 415-845-4166
TELEPRA: 415-845-4166
TELEPRA: 415-845-4166
TELEPRA: 415-845-4166
TELEPRA: 415-845-4166
TELENGTH: 190 amino acids
TYPE: amino acids
TOPOLOGY: linear
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September 8, 2004, 12:53:30 ; Search time 44.3 Seconds (without alignments) 113.793 Million cell updates/sec
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| cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT NBW PUB.pep:*
3: cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1298764 seqs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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102
1 DWVCNLFKNQWFCNVL 16
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Maximum DB seg length: 200000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Sequence 128, App Sequence 50, Appl Sequence 119, App Sequence 42, Appl Sequence 42, Appl Sequence 129, Appl 61, Appl 124, App 58, Appl Appl Appl Appl Appl Appl App Sequence Sequence Description Sequence Sequence Sequence Sequence Sequence Sequence US-09-825-517A-128 US-09-825-517A-50 US-09-825-517A-52 US-09-825-517A-42 US-09-825-517A-42 US-09-825-517A-129 US-09-825-517A-124 US-09-825-517A-124 US-09-825-517A-61 US-09-825-517A-71 US-09-825-517A-81 Query Match Length DB 93.1 Score Result

Sequence 120, App Sequence 38, Appl Sequence 41, Appl Sequence 45, Appl Sequence 47, Appl Sequence 121, Appl Sequence 121, Appl Sequence 121, Appl Sequence 131, Appl Sequence 131, Appl Sequence 131, Appl Sequence 31, Appl Sequence 31, Appl Sequence 48, Appl Sequence 53, Appl Sequence 24, Appl Sequence 24, Appl Sequence 23, Appl Sequence 24, Appl Sequence 24, Appl Sequence 24, Appl Sequence 27, Appl Sequence 64, Appl
US-09-825-517A-120 US-09-825-517A-89 US-09-825-517A-45 US-09-825-517A-45 US-09-825-517A-45 US-09-825-517A-45 US-09-825-517A-77 US-09-825-517A-77 US-09-825-517A-77 US-09-825-517A-121 US-09-825-517A-131 US-09-825-517A-132 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-136 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134 US-09-825-517A-134
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## ALIGNMENTS

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Gaps
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                                                                                    APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 102; DB 11; 100.0%; Pred. No. 1.7e-07;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 128
LENGTH: 16
                 Sequence 128, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 100.
Matches 16; Conservative
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US-09-825-517A-128
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RESULT 2
US-09-825-517A-50
IS-09-825-517A-50

Sequence 50, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:

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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 52
LENGTH: 16
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US-09-825-517A-52
US-09-825-517A-52
; Sequence 52, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REPRENCE: DYX-016.1 (3421.1005-001)
; FULR REPRENCE: DYX-016.2 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 50
LENGIN: LENGINE CONTRACT OF THE CONTRAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          98.0%; Score 100; DB 11; Length 16; 93.8%; Pred. No. 3.2e-07; ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER: OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 119
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
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100.0%; Pred. No. 6e-07;
tive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: CEA binding polypeptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.b-
These 15; Conservative
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Best Local Similarity 100.
Matches 15; Conservative
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: 08/109/825,517A
CURRENT PILING DATE: 2000-03-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR RILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTERQ for Windows Version 4.0
SEQ ID NO 42
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANITHEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT RILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 129
LENGTH: 16
                                                                                                                                Query Match 95.1%; Score 97; DB 11; Length 16; Best Local Similarity 93.8%; Pred. No. 8.3e-07; Matches 15; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 16;
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93.1%; Score 95; DB 11;
Best Local Similarity 87.5%; Pred. No. 1.6e-06;
Matches 14; Conservative 2; Mismatches 0
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FEATURE:
OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-42
                                                      OTHER INFORMATION: CEA binding polypeptide
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, Publication No. US20030203415A1
, GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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| Sequence 62, Application US/09825517A |
| Sequence 62, Application US/09825517A |
| Publication No. US20030203415A1 |
| GENERAL INFORMATION: |
| APPLICANT: Rondon, Issac J |
| APPLICANT: Ladner, Robert C |
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC |
| TITLE OF INVENTION: ANTIGEN (CEA) |
| FILE REFERENCE: DXX-016.1 (3421.1005-001) |
| CURRENT APPLICATION NUMBER: US/09/825,517A |
| CURRENT FILING DATE: 2003-03-24 |
| PRIOR PILING DATE: 2000-04-03 |
| NUMBER: OF SEQ ID NOS: 151 |
| SOFTWARE: FASTSEQ for Windows Version 4.0 |
| SEQ ID NO 62 |
| LENGTH: 16 |
| CONTACT |
| CONTA
                                                                                                                                                                                                                                         US-09-825-517A-58

Sequence 58, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            91.2%; Score 93; DB 11; Length 16; 93.3%; Pred. No. 3e-06;
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   Mismatches
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2;
                                                                                                       1 DWVCNLFKNQWFCDVV 16
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                                                                1 DWVCNLFKNOWFCNVL 16
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.3%
....hes 14; Conservative
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Matches 14; Conservative
   14; Conservative
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LENGTH: 16
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PREPIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PREPIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXx-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PSECSEQ for Windows Version 4.0

SEQ ID NO 124

LENGTH: 16
                                                                                                                                                        Length 16;
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                                                                                                                                                     Query Match 93.1%; Score 95; DB 11; Length 16 Best Local Similarity 87.5%; Pred. No. 1.6e-06; Matches 14; Conservative 2; Mismatches 0; Indels
                             ; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ROLDER, ROBERT C
APPLICANT: Ladner, ROBERT C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
FRIOR FILING DATE: 2000-04-03
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 61
LENGTH: 16
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 14; Conservative
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Best Local Similarity
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US-09-825-517A-124
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Query Match 91.2%; Score 93; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 3e-06; Matches 14; Conservative 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING EEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: APTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
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                                       FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2000-3-03-4
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 83
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-825-517A-83

Sequence 83, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 DWVCNLFKNOWFCDAL 16
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                                                                                                                                                                                                                                      LENGTH: 16
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX.016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 74
LENGTH: 16
                                                                                                           APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 71
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
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Pred. No. 3e-06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-71
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                                         ; Sequence 71, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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Sequence 81, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  91.2%;
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Best Local Similarity 92.9
Matches 13; Conservative
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US-09-825-517A-74
                        US-09-825-517A-71
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Gaps

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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 108
; INNUTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-108
Query Match
Query Match
Best Local Similarity 92.9%; Pred. No. 3e-06;
Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Search completed: September 8, 2004, 14:25:09 Job time: 44.3 secs

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RESULT 2
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Sequence 2, Appli
Sequence 7, Appli
Sequence 4, Appli
Sequence 82, Appli
Sequence 82, Appli
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Sequence 84, Appli
Sequence 4, Appli
Sequence 7, Appli
Sequence 8, Appli
Sequence 9, Appli
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Sequence 8, Appli
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Sequence 4, Appli
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Seguence 13, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 336, 1
Sequence 5, Apl
                                                                                                                                                  September 8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
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Sequence 336,
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1. /cgT2_6/ptodata/2/iaa/5A_COMB.pep:*

2. /cgD2_6/ptodata/2/iaa/5B_COMB.pep:*

3. /cgD2_6/ptodata/2/iaa/6A_COMB.pep:*

4. /cgD2_6/ptodata/2/iaa/6B_COMB.pep:*

5. /cgD2_6/ptodata/2/iaa/PcTUS_COMB.pep:*

5. /cgD2_6/ptodata/2/iaa/PcTUS_COMB.pep:*

6. /cgD2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-131-028A-13

US-09-131-028A-13

US-09-137-223A-2

US-08-671-978A-7

US-08-671-978A-7

US-08-671-978A-7

US-08-194-66-2

US-08-469-260A-82

US-08-469-260A-82

US-08-469-260A-82

US-08-46-34A-82

US-08-46-34A-82

US-08-46-34A-82

US-08-265-967C-3

US-08-317-27C-27

US-09-317-27C-27

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US-09-317-27C-27

US-09-317-27C-27

US-09-318-88-8

US-09-328-38-8

US-09-328-488-8

US-09-328-488-8

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US-09-328-488-8

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US-09-316-457-336
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US-09-671-325-336
US-09-589-184-336
US-07-925-695-5
US-08-724-354D-4
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1 DWVCNLFKNQWFCNVL 16
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Maximum DB seq length: 2000000000
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                                                2, Appli
447, Appl
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Pred. No. 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/09131028A
; Sequence 3, Application US/09131028A
; Patent No. 6287866
; GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
; APPLICANT: Mukerij, Fradip
; APPLICANT: Leomad, Amanda Eun-Yeong
APPLICANT: Leomad, Amanda Eun-Yeong
; APPLICANT: Chaudhary, Sunita
; TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
; FILE REFERENCE: 6004.US.Pl
; CURRENT FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/064,440
; PRIOR FILING DATE: 1993-05-21
; NUMBER OF SEQ ID NOS: 22
; SOFFWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 215
; TADE: non-
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Sequence 13, Application US/09131028A

Patent No. 6287866

GENERAL INFORMATION:

APPLICANT: About Laboratories

APPLICANT: Lemmel, Fradip

APPLICANT: Lemmel, Steven A.

APPLICANT: Leonard, Amanda Eun-Yeong

APPLICANT: Chaudhary, Sunita

TILLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS

FILE REFERENCE: 6004.US.Pl

CURRENT APPLICATION NUMBER: US/09/131,028A

CURRENT FILING DATE: 1998-08-07

PRIOR PILING DATE: 1993-05-21

NUMBER OF SEQ ID NOS: 22
US-09-270-984A-4
US-08-724-354D-2
US-09-673-395A-447
US-09-874-655-9
US-08-834-655-9
US-09-363-554-9
US-09-363-526-9
US-09-363-526-9
US-09-363-526-9
US-09-227-613-19
US-09-227-613-14
US-09-227-613-14
US-09-439-261-16
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Best Local Similarity 50.0%;
Matches 7; Conservative
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       TYPE: PRT
CORGANISM: Homo sapiens
US-09-131-028A-3
       US-09-131-028A-13
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US-09-131-028A-3
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APPLICANT: BIET, Franck
APPLICANT: BIET, Franck
APPLICANT: BIET, Franck
APPLICANT: CENATIEMPO, Yves
APPLICANT: CENATIEMPO, Yves
APPLICANT: FREMAUX, Christophe
TITLE OF INVENTION: NON RCR LEUCONOSTOC PLASMID CAPABLE OF BEING TRANSFERRED
TITLE OF INVENTION: INTO LACTIC ACID BACTERIA; USE AS CLONING AND EXPRESSING TOOL
FILE REPERENCE: 004900-178
CURRENT APPLICATION NUMBER: US/09/530,903C
CURRENT APPLICATION NUMBER: PCT/FR98/02341
PRIOR APPLICATION UNMBER: PCT/FR98/02341
PRIOR APPLICATION NUMBER: PCT/FR98/02341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/671,978A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 2;
                                                                                                                                                                                                                                                                                                                                                           SEE: CALFEE, HALTER & GRISWOLD: 800 SUPERIOR AVENUE, SUITE 1400 CLEVELAND
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2; Mismatches
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                                                                                                                                                                                                             APPLICANT: Saif, Linda J.
APPLICANT: Parwani, Anil
APPLICANT: Farwani, Anil
APPLICANT: Kim, Wonyong
APPLICANT: Chang, Keong-OK
TITLE OF INVENTION: ROTAVIRUS GENES
UNDERSPROMENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: CALFEE, HALTER & GRISWOLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                      ; Sequence 7, Application US/08671978A; Patent No. 5959093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09530903C
Patent No. 6528285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: GOLERCK, MARY E
REGISTRATION NUMBER: 2272
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    34,829
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (216) 622-8200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (216) 622-820
TELEFAX: (216) 241-0816
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      326 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             155 LANLILNEWICN 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3 VCNLFKNQWFCN 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-671-978A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 44114
COMPUTER READABLE FORM:
                                              54 WICNLFAN 61
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                                                                                                                                                                                                GENERAL INFORMATION:
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: USA
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                                                                                                                                                                                                                                                                                                                                                                                                         CITY: CLI
STATE: OF
COUNTRY:
                                                                                                                                  US-08-671-978A-7
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Patent No. 6551795
GENERAL INFORMATION:
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17516
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                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Yee, David P
APPLICANT: Yee, David P
TITLE OF INVENTION: TESTIS.SPECIFIC TRANSCRIPTION FACTOR
TITLE OF INVENTION: ZGCL-1
FILE REFRENCE: 97-18
CURRENT APPLICATION NUMBER: US/09/137,223A
CURRENT FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: U6/056,130
PRIOR FILING DATE: 1997-08-19
NUMBER OF SEQ ID NOS: 16
SGO ID NOS: 16
SEQ ID NO 2
LENGTH: 478
                                                                                                                                               45.1%; Score 46; DB 3; Length 215; 50.0%; Pred. No. 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 4; Length 478;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          43.1%; Score 44; DB 4; Length 612; 75.0%; Pred. No. 1.2e+02; Live 1; Mismatches 1; Indels
                                                                                                                                                                                              5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Indels
                                                                                                                                                                                            2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5; Mismatches
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               44.1%; Score 45; 41.7%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2, Application US/09137223A Patent No. 6420525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                   2 WVCNLFKNQWFCNV 15
                                                                                                                                                                                                                                                              12 WFCGLRGNEFFCEV 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 41.7-
Similarity 5. Conservative
                                                                                                                                                                 Best Local Similarity 50.0 Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         322 EWLSSVYKQQWF 333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCNLFKNQWF 12
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                                                           ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-131-028A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-137-223A-2
                 SEQ ID NO 13
LENGTH: 215
                                                                                                                                                  Query Match
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Gaps

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APPLICANT: THOMAS P. LEARY
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: SAMES C. BKERR
APPLICANT: SISA K. MUSHAHWAR
APPLICANTION: REAGENTS AND METHODS FOR THEIR USE
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NON-A, NON-B. NON-C, NON-D, NON-E HEPATITIS
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Best Local Similarity 28.6%; Pred. No. 5.3e+02;
Matches 8; Conservative 3; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,260A
                                                                                                                                                                                                                                                                                                       ABBOTT LABORATORIES D377/AP6D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  910 DWIRYAPSTLSMRCXTHLFCXEWFCKTL 937
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: POREMBSKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REPERENCE/DOCKET NUMBER: 5527.PC.01
TELECOMMUNICATION INFORMATION:
TELECHONE: 708-937-6365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/424,550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JOHN N. SIMONS
TAMI J. PILOT-MATIAS
GEORGE J. DAWSON
GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
ANTHONY SCOTT MUERHOFF
JAMES C. ERKER
SHERI I. BUIJK
ISA K. MUSHAHWAR
JOHN N. SIMONS
TAMI J. PILOT-MATIAS
GEORGE J. DAWSON
GEORGE G. SCHLAUDER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-488-446-82; Sequence 82, Application US/08488446; Patent No. 6558898; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                         STREET: 100 ABBOTT PARK ROAD CITY: ABBOTT PARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
                                                                                   . DESAI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: POREMBSKI, PRISCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                        SURESH M
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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APPLICANT:
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APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT: Canada Martin E.

APPLICANT: Budd, Martin E.

TITLE OF INVENTION: B-Type DNA Polymerases

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: 4 Embarcadero Center, Suite 3400

CITY: San Francisco
CITY: San Francisco
COUNTRY: United States
ZIP: 94111-4187

COMPUTER EADABUE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PROPENTING SYSTEM: PC-DOS/MS-DOS
COMPUTER: PROPENTING SYSTEM: PC-DOS/MS-DOS
COMPUTER: PROPENTING SYSTEM: PC-DOS/MS-DOS
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Pred. No. 2.1e+02;
6; Mismatches 4; Indels
                                                                                                                                                                                                                                             5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-59515/RFT/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
                                                                                                                                                                                             Query Match
41.7%; Score 42.5; DE
Best Local Similarity 47.4%; Pred. No. 33;
Matches 9; Conservative 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/194,560 FILING DATE: 14-FEB-1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 82, Application US/08469260A; Patent No. 6451578; GENERAL INFORMATION:
                                                                                                            TYPE: PRT;
CRGANISM: Leuconostoc mesenteroides
US-09-530-903C-4
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/08194560 Patent No. 6255062
                                                                                                                                                                                                                                                                                        1 DWVCNLFKNQ---WFCNVL 16
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Best Local Similarity 33.3%;
Matches 5; Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
  PRIOR FILING DATE: 1997-11-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
LENGTH: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 DWVCNLFKNQWFCNV 15
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amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; MOLECULE TYPE: protein US-08-194-560-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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TOPOLOGY:
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Gaps

us-09-825-517a-128.rai

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COMPUTER: IBM PC compatible
SOBTATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,344A
FILING DATE: 07-Jun-1995
CLASSIFICATION: «Unknown»
PRIOR APPLICATION ADATA:
APPLICATION NUMBER: 08/424,550
FILING DATE: «Unknown»
TILING DATE: ADATA:
APPLICATION NUMBER: 33,207
REGISTRATION NUMBER: 33,207
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.PC.01
TELEPHONE: 708-937-6365
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 1422 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: SABATINI, DAVID M.
APPLICANT: ERDJUMENT-BROMAGE, HEDIYE
APPLICANT: LUI, MARY
APPLICANT: TEMPST, PAUL
APPLICANT: SNYDER, SOLOMON H.
TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBP12
TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
CORRESPONDENCE ADDRESS:
ADDRESSEE: BANNER & ALLEGRETTI. LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 41.2%; Score 42; DB 4; Length 1422; Best Local Similarity 28.6%; Pred. No. 5.3e+02; Matches 8; Conservative 3; Mismatches 5; Indels
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ZTATE: D.C.

COUNTRY: U.S.A.

ZIP: 20001-4597

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/265,967C

FILING DATE: 27-JUN-1994

CLASSIFICATION 1875

ATTORNEY/AGENT INFORMATION:

NAME: RAGAN, SARAH A.

REGISTRATION NUMBER: 32,141

REGISTRATION NUMBER: 32,141

REGISTRATION INPORMATION:

TELECOMMUNICATION INPORMATION:

TELECOMMUNICATION INPORMATION:

TELECOMMUNICATION INPORMATION:

TELECOMMUNICATION INPORMATION:

TELECOMMUNICATION INPORMATION:

TELECHOME: 202-508-9100
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STREET: 1001 G STREET, N.W., 11TH FLOOR
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 910 DWIRYAPSTLSMRCXTHLFCXEWFCKTL 937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear

MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 82:
US-08-467-344A-82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 3, Application US/08265967C
; Patent No. 6476200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 202-508-9299
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TELEX: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12;
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  TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
                                                                                                                                                                  COUNTRY: USA
ZIP: 60064-3500
COMPUTER READBLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,446
FILING DATE:
PROSTICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
FILING DATE:
PRIOR DATE:
FILING DATE:
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
41.2%; Score 42; DB 4; 1
Best Local Similarity 28.6%; Pred. No. 5.3e+02;
Matches 8; Conservative 3; Mismatches 5
                                                                          D377/AP6D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         910 DWIRYAPSTLSMRCXTHLFCXEWFCKTL 937
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Fatent No. 6586568
GENERAL INFORMATION:
TAMI J. PLICT-MATIAS
GEORGE G. SCHLAUDER
GEORGE G. SCHLAUDER
SURESH M. DESAI
THOMAS P. LEARY
ANTHONY SCOTT MUERHOFF
JAMES C. ERKER
SHERI L. BUIJK
ISA K. MUSHAWAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE. ABBOTT LABORATORIES
STREET: 100 ABBOTT PARK ROAD
CITY: ABBOTT PARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: POREMBSKI, FRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.PC.01
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-938-6365
TELEPHAX: 708-938-2623
                                                                   ADDRESSEE: ABECTT LABORATORIES
STREET: 100 ABBOTT PARK ROAD
CITY: ABBOTT PARK
STATE: 1L
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 82: SEQUENCE CHARACTERISTICS: LENGTH: 1422 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 716
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: single
                       NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; MOLECULE TYPE: protein US-08-488-446-82
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US-08-467-344A-82
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40.2%; Score 41; DB 4; Length 21;
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APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: Artificial sequence
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Best Local Similarity 50.0°
....hes 6; Conservative
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1223 NILKNAWYCS 1232
5 NLFKNQWFCN 14
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US-09-723-251A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Patent No. 6420518
US-09-337-227C-27
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US-09-723-251A-27
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US-09-337-227C-27
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0
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APPLICANT: ERDJUMENT-BROMAGE, HEDIYE
APPLICANT: TEMPST, PAUL
APPLICANT: TEMPST, PAUL
APPLICANT: SNYDER, SOLOWON H.
TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBP12
TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 2474;
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50.0%; Pred. No. 9.4e+02;
tive 3; Mismatches 2; Indels
                                                                                                                                                                                                                                        2; Indels
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CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/305,790B
FILING DATE:

CLASSIFICATION DATA:

FILING DATE:

APPLICATION NUMBER: US 08/265,967

ATTORNEY/AGENT INFORMATION:

NAME: KAGAN, SARAH A.

REGISTRATION NUMBER: 32,141

REFERENCE/POCKET UNBER: 32,141

REGISTRATION NUMBER: 32,141

REGISTRATION NUMBER: 32,141

REGISTRATION NUMBER: 32,141

REGISTRATION NUMBER: 32,141

RELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                               41.2%; Score 42; DB 4; 1
50.0%; Pred. No. 9.4e+02;
tive 3; Mismatches 2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: BANNER & ALLEGRETTI. LTD
STREET: 1001 G STREET, N.W., 11TH FLOOR
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                                                                                                                                             ORGANISM: Saccharomyces cerevisiae
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ZIP: 20001-4597

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/08305790B Patent No. 6492106
GENERAL INFORMATION:
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      INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2474 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 50.0
Matches 5; Conservative
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Best Local Similarity 50...
Best Local Si Conservative
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TELEX: 197430 BBMB UT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13
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1223 NILKNAWYCS 1232
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                                                                                                     MOLECULE TYPE: protein ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                            5 NLFKNQWFCN 14
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                                                                  amino acid
                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: FORIGINAL SOURCE:
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                                                                                                                                                             US-08-265-967C-3
                                                                                  TOPOLOGY:
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Gaps
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APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
ITILE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REPERENCE: PLO71P2.1EV
CURRENT APPLICATION NUMBER: US/09/337,227C
CURRENT FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-03-31
PRIOR FILING DATE: 1999-04-04
NUMBER OF SEQ ID NOS: 51
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: COCKINA, ANDES G.
APPLICANT: COCKINA, ANDES G.
APPLICANT: COCKINA, ANDES G.
APPLICANT: LOWMAN, Henry B.
APPLICANT: Stolingon, Iain C.A.F.
APPLICANT: Stolingon, Nicholas J.
TILLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFRERENCE: P1071P2C1.2Rev
CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: US/09/337,227
PRIOR APPLICATION NUMBER: US/08/825,852
PRIOR APPLICATION NUMBER: US/08/825,852
PRIOR PILING DATE: 1999-06-22
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Sequence is synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: Sequence is synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 27, Application US/09723251A Patent No. 6608028
Sequence 27, Application US/09337227C; Patent No. 6420518
PERERAL INFORMATION:
APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
APPLICANT: Cochran, Adrea G.
APPLICANT: Lowman, Henry B.
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        Gaps
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                                                                                                                                                                                                                                                                                                                                 Score 41; DB 1; Length 3032.
Pred. No. 1.6e+03;
        6; Indels
 Pred. No. 9.6;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                     Ouery Match 40.2%; Score 41; DB Best Local Similarity 47.4%; Pred. No. 1.66 Matches 9; Conservative 3; Mismatches
Best Local Similarity 50.0%;
Matches 6; Conservative
                  2 WVCNLFKNOWFC 13
                            3 WVCRAGPLOWLC 14
                                                                                                                                                                                                                                                                                                         TYPE: AMINO ACID
STRANDEDNESS: unknown
JOPOLOGY: linear
US-07-925-695-8
                                              RESULT 15
US-07-925-695-8
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Gaps

Search completed: September 8, 2004, 12:58:39 Job time : 12.2 secs

1986 DWVCSILTDFKN-WLSSKL 2003

1 DWVCNL---FKNQWFCNVL 16

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Sequence 127, App
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113.793 Million cell updates/sec
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                                                                                                                                                             September 8, 2004, 12:53:30 ; Search time 44.3 Seconds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Published Applications AA:*

| cgn2 6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*
2: /cgn2 6/ptodata/1/pubpaa/USO5 NEW PUB.pep:*
3: /cgn2 6/ptodata/1/pubpaa/USO5 NEW PUB.pep:*
4: /cgn2 6/ptodata/1/pubpaa/USO5 NEW PUB.pep:*
5: /cgn2 6/ptodata/1/pubpaa/USO5 NEW PUB.pep:*
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7: /cgn2 6/ptodata/1/pubpaa/USO8 NEW PUB.pep:*
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10: /cgn2 6/ptodata/1/pubpaa/USO8 PUBCOMB.pep:*
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14: /cgn2 6/ptodata/1/pubpaa/USO8 NEW PUB.pep:*
15: /cgn2 6/ptodata/1/pubpaa/USO8 PUBCOMB.pep:*
16: /cgn2 6/ptodata/1/pubpaa/USO8 PUBCOMB.pep:*
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US-09-825-517A-128
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US-09-825-517A-110
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                                                                                                        - protein search, using sw model
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Perfect score:
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Maximum DB
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Sequence 42, Appl Sequence 129, Appl Sequence 61, Appl Sequence 61, Appl Sequence 137, Appl Sequence 127, Appl Sequence 146, Appl Sequence 146, Appl Sequence 58, Appl Sequence 62, Appl Sequence 71, Appl Sequence 108, Appl Sequence 108, Appl Sequence 108, Appl Sequence 108, Appl Sequence 109, Appl Sequence 109, Appl Sequence 110, Appl Sequence 64, Appl Sequence 41, Appl Sequence 45, Appl Sequence 46, Appl Sequence 47, Appl Sequence 121, Appl Sequence 46, Appl Sequence 46, Appl Sequence 46, Appl Sequence 46, Appl Sequence 121, Appl S	151,
US-09-825-517A-42 US-09-825-517A-129 US-09-825-517A-139 US-09-825-517A-139 US-09-825-517A-146 US-09-825-517A-146 US-09-825-517A-146 US-09-825-517A-146 US-09-825-517A-149 US-09-825-517A-149 US-09-825-517A-149 US-09-825-517A-149 US-09-825-517A-149 US-09-825-517A-149 US-09-825-517A-109 US-09-825-517A-109 US-09-825-517A-109 US-09-825-517A-109 US-09-825-517A-109 US-09-825-517A-141	-09-825-
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## ALIGNMENTS

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        Sequence 127, Application US/09825517A

Sequence 127, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: HORMATION:

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

NUMBER OF SEQ ID NOS: 151

SOFTHARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 99; DB 11; Length 100.0%; Pred. No. 3.4e-07;
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 16; Conservative
US-09-825-517A-127
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Db 1 DWVCELLKNOWFCNVL 16

RESULT 2
US-09-825-517A-59
Sequence 59, Application US/09825517A
Publication No. US20030203415A1
SERRERAL INFORMATION:

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US-09-825-517A-126
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, 188ac J

TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PRETIDES

TITLE OF INVENTION: BINDING PRETIDES

TITLE OF INVENTION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASESEQ for Windows Version 4.0

SEQ ID NO 128
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/625,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOSTWARE: FREUERO FOR WINDOWS VERSION 4.0
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US-09-825-517A-50
; Sequence 50, Application US/09825517A
; Publication No. US2003203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, 188ac1
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DXX-016.1 (3421.1005-001)
; FILE REFERENCE: DXX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 90.9%; Score 90; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 6.2e-06; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 90.9%; Score 90; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 6.2e-06; Matches 14; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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LENGTH: 16
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; Sequence 126 Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
    APPLICANT: Rondon, ISBAC J
; APPLICANT: Ladner, Robert C
    TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
    TITLE OF INVENTION: BINDING PEPTIDES
    FILE REFERENCE: DYS.016.1 (3421.1005-001)
    CURRENT APPLICATION NUMBER: US/09/825,517A
    PRIOR APPLICATION NUMBER: US 09/541,345
    PRIOR FILING DATE: 2000-04-03
    NUMBER OF SEQ ID NOS: 151
    SOFTWARE: FastSEQ for Windows Version 4.0
    SEQ ID NO 126

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| Sequence 147, Application US/0982517A
| Publication No. US20030203415A1
| APPLICANT: Rondon, Issac J
| APPLICANT: Ladner, Rondon, Issac J
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
| FILE REFERENCE: DYX-016.1 (3421.1005-001)
| CURRENT APPLICATION NUMBER: US/09/825,517A
| PRIOR APPLICATION NUMBER: US 09/541,345
| PRIOR PRILING DATE: 2000-04-03
| NUMBER OF SEQ ID NOS: 151
| SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                     Score 88; DB 11; Length 16;
Pred. No. 1.2e-05;
1; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-126
                                                                                                                                                                                                                                                                                                                                                                                                                                 1; Mismatches
                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-50
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 50
LENGTH: 16
                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 81.2%;
Matches 13; Conservative
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US-09-825-517A-100

US-09-825-517A-100

Sequence 100, Application US/09825517A

Publication No. US2003203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, 1ssac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: RastSEQ for Windows Version 4.0

SEQ ID NO 100

LENGTH: 16

TURENT FILING
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Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        86.9%; Score 86; DB 11; L
81.2%; Pred. No. 2.3e-05;
tive 1; Mismatches 2;
1;
Mismatches
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2;
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                                                             16
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ORGANISM: Artificial Sequence
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                                                                                                         1 DWVCEIVKNOWHCNVL
                                                             1 DWVCELLKNQWFCNVL
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Matches 13; Conservative
   13; Conservative
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US-09-825-517A-119
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   Matches
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US-09-825-517A-116

Sequence 116, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICAMT: Rondon, ISSAC J

APPLICAMT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: 2000-04-03

NUMBER: OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 116

LENGTH: 16
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81.2%; Pred. No. 1.6e-05;
tive 1; Mismatches 2; Indels
                                                                                                                                                                    Length 16;
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                                                                ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                             88.9%; Score 88; DB 11;
81.2%; Pred. No. 1.2e-05;
tive 2; Mismatches 1;
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-825-517A-80; sequence 80, Application US/09825517A; sequence 80, Application US/20030203415A1; GENERAL INFORMATION:
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81.2%;
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ORGANISM: Artificial Sequence
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   ORGANISM: Artificial Sequence
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Best Local Similarity 81.2
Matches 13; Conservative
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Best Local Similarity 81.2'
Matches 13; Conservative
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Best Local Similarity
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                                     FEATURE:
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASELSEQ for Windows Version 4.0
LENGTH: 16
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.04
Matches 12; Conservative
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Best Local Similarity 75.0
Matches 12; Conservative
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APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (1421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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US-09-825-517A-75

i Sequence 75, Application US/09825517A

i Publication No. US20030203415A1

i GENERAL INFORMATION:

A PPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRXONIC

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPERRACE: DXX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: US 09/541,345

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PSASESQ for Windows Version 4.0

SEQ ID NO 75

LENGTH: 16
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Best Local Similarity 81.2%; Pred. No. 3.1e-05;
Matches 13; Conservative 1; Mismatches 2,
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Sequence 150, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                     3.09-825-517A-52
Sequence 52, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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APPLICANT: Ladner, Robert C
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LENGTH: 16
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US-09-825-517A-65
Sequence 65, Application US/09825517A
Publication No. US20030203415A1
CENERAL INFORMATION:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 65
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US-09-825-517A-148

US-09-825-517A-148

SQUEENCE 148, Application US/09825517A

PUBLICATION NO. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03
                                                                              85.9%; Score 85; DB 11; Length 16; 75.0%; Pred. No. 3.1e-05; Live 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 84, DB 11; Length 16;
Pred. No. 4.3e-05;
3; Mismatches 1; Indels
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-150
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 148
; LENTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; CHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-148
Query Match

Query Match
Best Local Similarity 81.2%; Pred. No. 4.3e-05;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
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Search completed: September 8, 2004, 14:25:09 Job time : 44.3 secs

1 DWVCELLKNOWFCNVL 16 ||||||||||||||| 1 DWVCEWLKHQWFCNAL 16

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Sequence 3, Appli
Sequence 13, Appl
Sequence 2, Appli
Sequence 6959, Ap
Sequence 5, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 2, Appli
Sequence 24, Appli
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Sequence 24, Appli
Sequence 25, Appli
Sequence 27, Appli
Sequence 27, Appli
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Sequence 27, Appli
Sequence 28, Appli
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Sequence 12, Appl
Sequence 13, Appl
Sequence 14, Appl
Patent No. 5223424
Patent No. 5395759
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                                                                                                September 8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
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Sequence 4,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Issued_Patents_AA:*

1. /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2. /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3. /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4. /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-131-028A-13
US-09-328-352-6740
US-08-14-560-2
US-08-328-352-6959
US-08-328-352-6959
US-08-926-922-5
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US-09-527-657-5
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US-07-603-133B-27
US-07-603-133B-28
US-08-802-141-2
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US-07-603-133B-22
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US-08-089-397A-14
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US-09-849-180-6
US-09-356-643B-4
                                                                                                                                                                                                                                                                                        389414 seqs, 51625971 residues
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                                                                                                                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                   - protein search, using sw model
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Abbott Laboratories
APPLICANT: Mukerji, Pradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Lemmel, Steven A.
APPLICANT: Chaudhary, Sunita
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
FILE REPERENCE: 6004 US. Pl
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT APPLICATION NUMBER: US 08/064,440
PRIOR APPLICATION NUMBER: US 08/064,440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Abbott Laboratories
APPLICANT: Mukerji, Pradip
APPLICANT: Lemmeli, Steven A.
APPLICANT: Lemmeli, Steven A.
APPLICANT: Chaudhary, Sunita
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
TITLE OF INVENTION UNMBER: US/09/131,028A
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT APPLICATION NUMBER: US/09/131,028A
SHIOR APPLICATION NUMBER: US 08/064,440
PRIOR FILING DATE: 1993-05-21
NUMBER OF SEQ ID NOS: 22
US-09-134-001C-5591

US-07-894-063A-6

US-09-337-227C-27

US-09-723-251A-27

US-08-262-037-16

US-08-262-037-95

US-08-262-037-96

US-08-444-818-28

US-08-444-818-28

US-08-444-818-28

US-08-95-037-96

US-09-100-193-3

US-09-100-193-3

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US-09-100-193-3

US-09-690-359-6

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US-09-086-663A-81
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGH: 215
TYPE: PRT
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US-09-111-028A-13
Sequence 13, Application US/09131028A
Fatent No. 6287866
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 3, Application US/09131028A; Patent No. 6287866; GENERAL INFORMATION:
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Best Local Similarity 50.0%;
Matches 7; Conservative
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      , ORGANISM: Homo sapiens
US-09-131-028A-3
      US-09-131-028A-3
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Sequence 6959, Application US/09328352

Bettent No. 6562958
GRNERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 6959
LENGTH: 272
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42.4%; Score 42; DB 4; Length 272;
Best Local Similarity 50.0%; Pred. No. 51;
Matches 6; Conservative 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                         Length 582;
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Fatent No. 5721354
GENERAL INFORMATION:
APPLICANT: Spacte, Richard
APPLICANT: Spacte, Richard
TITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
STREET: 5 Palo Alto Square
CITY: Palo Alto
COTY: ADDRESSE: COOLEY GODWARD
                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURENT APPLICATION NATA:
APPLICATION NUMBER: US/08/414,926A
FILING DATE: March 31, 1995
                                                                                                                                                                                                                                                                                                                                                  13.4%; Score 43; DB 3; ilarity 33.3%; Pred. No. 79; Conservative 7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Acinetobacter baumannii
US-09-328-352-6959
                                TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      322 DWLCKMSRNECFTHL 336
             (415) 781-1989
                                                                                                                            SEQUENCE CHARACTERISTICS:
| LENGTH: 582 amino acids
| TYPE: amino acid TYPE: amino acid TOPOLOGY: linear
| MOLECULE TYPE: protein US-08-194-560-2
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Best Local Similarity
Then 5; Conserve
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             TELEPHONE:
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Sequence 6740.
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APPLICANT: Budd, Marin B.
CORRESPONDENCES: 9
CORRESPONDENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
CITY: California
COUNTRY: United States
ZIP: 94111-4187
                                                                                                                                                                                                                     Score 45; DB 3; Length 215;
Pred. No. 14;
2; Mismatches 5; Indels
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Pred. No. 29;
3; Mismatches 2; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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REGISTRATION NUMBER: 31.801
REFERENCE/DOCKET NUMBER: A-59515/RFT/RMS
TELECOMMUNICATION INFORMATION:
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 13
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; Patent No. 6255062
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Acinetobacter baumannii
US-09-328-352-6740
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                                                                                                                                                                                                                  Query Match
Best Local Similarity 50.0
Matches 7; Conservative
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Best Local Similarity 54.5
Local 6; Conservative
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                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-328-352-6740
                                                                                                                                                       US-09-131-028A-13
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US-08-194-560-2
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Score 42; DB 3; Length 399;
Pred. No. 76;
2; Mismatches 2; Indels
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Patent No. 6291236
GENERAL INFORMATION:
APPLICANT: Spacte, Richard
Cha, Tai-An
TITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/253,682
FILING DATE:
                Sequence 5, Application US/09253682
Patent No. 6640170
GENERAL INFORMATION:
APPLICANT: Space, Richard
APPLICANT: Cha, Tai-An
TITLE OF INFURION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Luann Cserr Attorney at Law
                                                                                                                                                                             ADDRESSEE: Luann Cserr Attorney at Law STREET: 750 Arimo Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE: September 10, 1997
ATTORNEY/AGENT INFORMATION:
NAME: CSerr. Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR 11A
TELECHONE: 510-834-1448
TELEFAX: 510-839-7810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 750 Arimo Avenue CITY: Oakland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 399 amino acids
amino acid
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 60.0
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       307 WVCЕЕРКНЕМ 316
                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                                                                                             COUNTRY:
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STATE:
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Pred. No. 76;
2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                             Score 42; DB 1; Length 399;
Pred. No. 76;
                                                                                                                                                                                                                                                                                                                    2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/926,922
FILING DATE: September 10, 1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/08926922
Patent No. 5925751
GENERAL INFORMATION:
APPLICANT: Space, Richard
APPLICANT: Cha, Tai-An
TITLE OF INFORTION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                    2; Mismatches
NAME: CSETY, LUADIN
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR-011/OOUS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-444-7622
TELEPHONE: 415-857-0663
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1: Luann Cserr Attorney at Law
750 Arimo Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: CSerr, Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-834-1448
TELEFAX: 510-839-7810
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Best Local Similarity 60.0%,
'.hes 6; Conservative
                                                                                                                                                           : 399 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    399 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 60.0
Matches 6; Conservative
                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         307 WVCEEPKHEW 316
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                                                                                                                                                                                                                                                                                                                                                                                   307 WVCEEPKHEW 316
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Sequence 22, Application US/07603133B

PAPELICANT: Redmond, Mark J.

APPLICANT: Ijaz, Mohammed K.

APPLICANT: Parker, Michael D.

TITLE OF INVENTION: ASSEMBLED VIRAL PARTICLES AND THEIR

TITLE OF INVENTION: USE IN A VACCINE TO ROTAVIRAL DISEASE

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

ADDRESSEE: Morrison & Foereter

COMMENDER OF CONTRIBUTION: ADDRESS:

CORRESPONDENCE ADDRESS:
                                                                                                 Query Match 42.4%; Score 42; DB 4; Length 399; Best Local Similarity 60.0%; Pred. No. 76; Matches 6; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 41; DB 1; Length 326;
Pred. No. 88;
4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/07/603,133B FILING DATE: 19901025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 545 Middlefield Road, Suite 200 CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Robins, Roberta L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 9313-0004.00
TELECOMMUNICATION INFORMATION:
MOLECULE TYPE: protein SEQ ID NO: 5: US-09-892-100-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 23, Application US/07603133B; Patent No. 5298244; GENERAL INFORMATION; APPLICANT: Redmond, Mark J. APPLICANT: Ijaz, Mohammed K. APPLICANT: Parker, Michael D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTAL.
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (415) 327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS: LENGTH: 326 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (415) 327-7250
TELEFAX: (415) 327-2951
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155 LADLILNEWLCN 166
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Best Local Similarity 41.7
Matches 5; Conservative
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                                                                                                                                                                                            2 WVCELLKNQW 11
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CLASSIFICATION: 424
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US-07-603-133B-23
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MEDIUM TYPE: Ploppy disk

COMPUTER: IN PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURENT APPLICATION DATA:

APPLICATION NOWBER: US/09/892,100

FILING DATE: 26-Jun-2001

CLASSIFICATION: -Unknown>

PRIOR APPLICATION: -Unknown>

PRIOR APPLICATION OWNER: US/09/527,657

FILING DATE: 17-Mar-2000

APPLICATION NUMBER: US/09/526,922

FILING DATE: September 10, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        42.4%; Score 42; DB 3; Length 399; 60.0%; Pred. No. 76; tive 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5, Application US/09892100
| Patent No. 6635477
| GENERAL INFORMATION:
| APPLICANT: Spacte, Richard |
| TILLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS |
| NUMBER OF SEQUENCES: 27 |
| CORRESPONDENCE ADDRESS: |
| ADDRESSEE: Luann Ceerr Attorney at Law |
| STREET: Oakland |
| CITY: Oakland
                                                                                                                                                                NAME: CSETT, LUADN
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR 11A
TELECOMMUNICATION INFORMATION:
TELEPRONE: 510-834-1448
TELEFRAT: 510-834-7810
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                FILING DATE: 17-Mar-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/926,922
FILING DATE: September 10, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: AVIR 11A TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-834-1448
TELEFAX: 510-839-7810
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
         APPLICATION NUMBER: US/09/527,657
                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Cserr, Luann
REGISTRATION NUMBER: 31,822
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 399 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                 LENGTH: 399 amino acids
                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 60.0
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-892-100-5
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NAME: Robins, Robelta ...
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 9313-0004.00
TELECOMMUNICATION:
TELEPHONE: (415) 327-7250
TELEFAX: (415) 327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 25, Application US/07603133B Patent No. 5298244 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 33,208
REGISTRATION NUMBER: 93,208
REFERENCE/DOCKET NUMBER: 931
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Redmond, Mark J.
APPLICANT: Ijaz, Mohammed K.
APPLICANT: Parker, Michael D.
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TELEFAX: (*1...
TELEFAX: 0.0141
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 326 amino acids
""VPR: AMINO ACID
""VPR: AMINO ACID
                                                                                                                                            24:
                                                                                          TELEEAX: (415) 327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 326 amino acids
                                                                                                                                                                              : 326 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 41.7.
Thes 5; Conservative
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                                                                                                                                                                                                                       unknown
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TOPOLOGY: unknown
MOLECULE TYPE: protein
                                                                                                                                                                                                                                     TOPOLOGY: unknown
MOLECULE TYPE: protein
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ZIP: 94025
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Patent No. 529824

GENERAL INFORMATION:
APPLICANT: Redmond, Mark J.
APPLICANT: Parker, Michael D.
TITLE OF INVENTION: ASSEMBLED VIRAL PARTICLES AND THEIR
TITLE OF INVENTION: USE IN A VACCINE TO ROTAVIRAL DISEASE
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: CA
      ASSEMBLED VIRAL PARTICLES AND THEIR USE IN A VACCINE TO ROTAVIRAL DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
41.4%; Score 41; DB 1; Length 326;
Best Local Similarity 41.7%; Pred. No. 88;
Matches 5; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/603,133B
FILING DATE: 19901025
CLASSIFICATION: 424
ATTONERY/AGENT INFORMATION:
NAME: REPERENCE/DOCKET NUMBER: 33,208
REFRENCE/DOCKET NUMBER: 9313-0004.00
TELEFRANIOATION INFORMATION:
TELEFRANICATION INFORMATION:
TELEFRANICATION 1870-7250
TELEFRAN: (415) 327-2251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CUBLICATION NUMBER: US/07/603,133B
FILING DATE: 19901025
                                                                                ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
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155 LADLILNEWLCN 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , MOLECULE TYPE: protein US-07-603-133B-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
    TITLE OF INVENTION: AS.
TITLE OF INVENTION: US.
NUMBER OF SEQUENCES: 3:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: AMINO ACID STRANDEDNESS: un
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 19
CLASSIFICATION:
                                                                                                                                  CA
USA
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                                                                                                                                                                              94025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-07-603-133B-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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TITLE OF INVENTION: ASSEMBLED VIRAL PARTICLES AND THEIR
TITLE OF INVENTION: ASSEMBLED VIRAL PARTICLES AND THEIR
TITLE OF INVENTION: USE IN A VACCINE TO ROTAVIRAL DISEASE
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
Score 41; DB 1; Length 326;
Pred. No. 88;
4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 41.4%; Score 41; DB 1; Length 326; Best Local Similarity 41.7%; Pred. No. 88; Matches 5; Conservative 4; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/603,133B
FILING DATE: 19901025
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
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3 VCELLKNOWFCN 14

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DD 155 LADLILMEMICN 166

NESULT 15

US-07-603-1338-27

US-07-603-1338-27

US-07-603-1338-27

US-07-603-1338-27

US-07-603-1338-27

SACRETOR 10 NORMATION:

APPLICANT: Reduced, Mark J.

APPLICANT: Parker, Michael D. UTAL PARTICLES AND THEIR

TITLE OF INVENTION: USE IN A VACCINE TO ROTAVIRAL DISEASE

CORRESPONDED ADDRESS:

MADDRESSEE: Mortison & Poster

TITLE OF INVENTION: USE IN A VACCINE TO ROTAVIRAL DISEASE

CORRESPONDED ADDRESS:

MADDRESSEE: Mortison & Poster

TITLE OF INVENTION: USE IN A VACCINE TO ROTAVIRAL DISEASE

COMPUTER: SALDARE FORM:

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Search completed: September 8, 2004, 12:58:39 Job time : 13.2 secs

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8, 2004, 12:53:30 ; Search time 44.3 Seconds (without alignments) 113.793 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications AA:*

1: \cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: \cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
3: \cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
4: \cgn2_6/ptodata/1/pubpaa/NS0_NEW PUB.pep:*
5: \cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: \cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
6: \cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
7: \cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
8: \cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: \cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
10: \cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
11: \cgn2_6/ptodata/1/pubpaa/US09_NEW PUB.pep:*
12: \cgn2_6/ptodata/1/pubpaa/US09_NEW PUB.pep:*
13: \cgn2_6/ptodata/1/pubpaa/US09_NEW PUB.pep:*
14: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
15: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
16: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
16: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
17: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
18: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1298764 seqs, 315065143 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                        OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                             111
1 DWVCEWLKNQWWCNVL 16
                                                                                                                                                                                                                                                                                                                                                        US-09-825-517A-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Minimum DB seq length: 0 Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                             Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Database
                                                                                                                                                                                                                  Run on:
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	App	Appl	App	App	App	App	App	Appl	Appl						
-	126,	148,	103,							122,		140,	144	80.	74
Description	Sequence 126	Sequence	Sequence	Seguence	Sequence	Sequence	Seguence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Segmence
SUMMARIES	US-09-825-517A-126	US-09-825-517A-148	US-09-825-517A-103	US-09-825-517A-146	US-09-825-517A-125	US-09-825-517A-141	US-09-825-517A-142	US-09-825-517A-59	US-09-825-517A-112	US-09-825-517A-122	US-09-825-517A-127	US-09-825-517A-140	US-09-825-517A-144	US-09-825-517A-80	US-09-825-517A-54
	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
% Query Match Length DB	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
% Query Match	100.0	82.9	81.1	81.1	80.2	80.2	80.2	79.3	79.3	79.3	79.3	79.3	79.3	78.4	77.5
Score	111	92	06	06	89	88	89	88	88	88	88	88	88	87	98
Result No.	н	77	m	4	v	ø	7	80	6	10	11	12	13	14	15

Sequence 130, App		143	11	139,	147	. 89		137,	75,	116,	equence 150,	equence 49,	101,	109,	128,	Sequence 151, App	76.	78,	86,	Н	50,	65,	90	95.	Н	equence 67.	equence 82,	Н	118
-517A-13	US-09-825-517A-138	- 1	US-09-825-517A-117	-825-	US-09-825-517A-147	-825-	82	US-09-825-517A-137	-09-825-	US-09-825-517A-116	- 1	US-09-825-517A-49	US-09-825-517A-101	1	US-09-825-517A-128	-09-825-	-825-	US-09-825-517A-78	-82	-09-82	US-09-825-517A-50	US-09-825-517A-65	US-09-825-517A-90	US-09-825-517A-95	US-09-825-517A-104	US-09-825-517A-67	US-09-825-517A-82	-09 - 82	US-09-825-517A-118
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	77.5	77.5		75.7	75.7	74.8	73.9	73.9	73.0	73.0	73.0		71.2		71.2			٥.		70.3	69.4		8		68.5				9.19
	98		84	84	84	83	82	82	81	81	81	79	79	79	79	79	78	78	78	78	77	77	97	16	97	75	75	75	75
16	17	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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                                                                                APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINIDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PELING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 111; DB 11;
100.0%; Pred. No. 6.7e-07;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 126
LENGTH: 16
                  ; Sequence 126, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 2
US-09-825-517A-148
Sequence 148, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 DWVCEWLKNQWWCNVL 16
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Best Local Similarity 100.(
Matches 16; Conservative
US-09-825-517A-126
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SSCYTARRE: FastSEQ for Windows Version 4.0
SEQ ID NO 146
LENGTH: 16
                                                                                                                                                                                                                                   US-09-825-517A-146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-825-517A-125
                                                                                                                 LENGTH: 16
TYPE: PRT
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Sequence 103, Application US/09825517A;
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J;
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REFERENCE: DYX-016.1 (3421.1005-001);
CURRENT APPLICATION WUMBER: US/09/825,517A;
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 103
LENGTH: 16
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-03-44
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 148
                                                                                                                                                                                                                                                                                                                                                                                                                                      82.9%; Score 92; DB 11; Length 16;
81.2%; Pred. No. 0.00013;
tive 2; Mismatches 1; Indels
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85.7%; Pred. No. 0.00022;
tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NGS-09-825-517A-146

Sequence 146, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner: Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPREBENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-103
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 DWVCEWLKNOWWCNVL 16
                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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Best Local Similarity
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Matches 12; Conserva
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (4421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 08/541,345
SPRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                   Query Match
81.1%; Score 90; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 0.00022;
Matches 13; Conservative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-125
                                                     OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: RONGER, ROBERT C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

80.2%; Score 89; DB 11;
Best Local Similarity 87.5%; Pred. No. 0.00029;
Matches 14; Conservative 0; Mismatches 2;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 141
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 125, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-825-517A-141
Sequence 141, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                             1 DWVCEWLKNOWWCNVL 16
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ORGANISM: Artificial Sequence
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      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-112
                                                                                                                                                                                                                                                   APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
TTLLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Synthetic 16-mer microprotein analogue
    1,
    Mismatches
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                                                                                                                                                                      US-09-825-517A-112
; Sequence 112, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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                                                                      1 DWVCEYFKNOWFCNVL 16
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ORGANISM: Artificial Sequence
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                                           1 DWVCEWLKNOWWCNVL
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Best Local Similarity 81.2<sup>3</sup>
Matches 13; Conservative
    13; Conservative
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LENGTH: 16
    Matches
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 59
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Robert C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIERN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US (99/825,517A
CURRENT PALING DATE: 2003-03-24
FRICH APPLICATION NUMBER: US (99/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 142
LENGTH: 16
                                                                                                         Length 16;
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                                                                                                                                                2; Indels
                                     ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-141
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                                                                                                Query Match

80.2%; Score 89; DB 11;
Best Local Similarity 81.2%; Pred. No. 0.00029;
Matches 13; Conservative 1; Mismatches 2;
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US-09-825-517A-142
; Sequence 142, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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81.2%;
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                       1 DWVCEWLKNQWWCNVL 16
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Best Local Similarity
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US-09-825-517A-59
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Sequence 80, Application US/09825517A

Sequence 80, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1055-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT PILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASESEQ for Windows Version 4.0

SEQ ID NO 80

LENGTH: 16
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US-09-825-5174-54
) Sequence 54, Application US/09825517A
) Publication No. US20030203415A1
) GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
) APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEFTIDES FOR CARCINOEMBRYONIC
) TITLE OF INVENTION: ANTIGEN (CEA)
) FILE REPRENCE: DYX-016.1 (3421.1005-001)
) CURRENT PILING DATE: 2003-03-24
) PRIOR APPLICATION NUMBER: US 09/541,345
) PRIOR FILING DATE: 2000-04-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 79.3%; Score 88; DB 11; Length 16 Best Local Similarity 81.2%; Pred. No. 0.00039; Matches 13; Conservative 1; Mismatches 2; Indels
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARRE: FASISEQ for Windows Version 4.0
SEQ ID NO 144
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Best Local Similarity 81.2<sup>3</sup>
Matches 13; Conservative
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                                                   Sequence 127, Application US/09825517A
Publication No. US20030203415A1
SERNERAL INFORMATION:
APPLICANT: Rondon, ISBRC J
APPLICANT: Rondon, ISBRC J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 127
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 140
LENGTH: 16
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81.2%; Pred. No. 0.00039;
ive 1; Mismatches 2; Indels
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US-09-825-517A-127
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US-09-825-517A-140
; Sequence 140, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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Sequence 144, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
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Matches 13; Conservative
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                                US-09-825-517A-127
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Query Match 77.5%; Score 86; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 0.00067; Matches 13; Conservative 1; Mismatches 2; Indels
) NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 54
. LEMCTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-54
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Search completed: September 8, 2004, 14:25:09 Job time: 45.3 secs 

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us-09-825-517a-126.rai

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US-08-807-263-4
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Sequence 33, Appl
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Sequence 4, A
Sequence 2, A
Sequence 4, A
Sequence 4, A
Sequence 4, A
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Sequence 33,
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Sequence 4,
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                                                                                                                                                                                                                                                                                                 1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-252-991A-32884
US-09-292-225-21
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US-08-943-714-9
US-08-851-5678-12
US-08-817-514A-8
US-09-621-976-5666
US-09-640-305-4
US-08-360-673-4
US-08-360-673-4
US-08-360-673-4
                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-899-324-33
US-08-329-892B-33
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US-08-309-341-4
US-08-608-267-2
US-08-608-452-2
US-08-608-452-4
US-08-608-452-4
US-08-608-224-2
US-08-608-224-2
US-08-608-224-2
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                                                                                                                                                                         389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                    SUMMARIES
                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                       OM protein - protein search, using sw model
                                                                                                                                                       Gapop 10.0 , Gapext 0.5
                                                                                                                      1 DWVCEWLKNOWWCNVL 16
                                                                                                                                                                                                                                                                                        Issued_Patents_AA:*
                                                                                               US-09-825-517A-126
111
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Match Length DB
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                                                                                                                                            BLOSUM62
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No.
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Sequence 45, Appl
Sequence 45, Appl
Sequence 21369, A
                               5, Appli
6, Appli
4, Appli
2, Appli
2103, A
28413, A
86, Appl
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Sequence 9120, Ap
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STREET: 3100 No. 5945329west Center, 90 S. 7th Street
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     49.5%; Score 55; DB 2; Length 421; 50.0%; Pred. No. 4.5; tive 4; Mismatches 4; Indels
US-09-225-15
US-08-930-894-5
US-08-930-894-5
US-08-930-894-7
US-08-930-894-4
US-08-930-894-4
US-08-930-894-4
US-08-252-991A-21103
US-09-252-991A-21103
US-08-252-991A-21103
US-08-484-631-86
US-08-484-631-86
US-09-489-033A-9120
US-09-489-033A-9120
US-09-980-931D-35
US-09-892-991A-21369
US-09-892-398-45
US-09-892-398-45
                                                                                                                                                                                                                                                                                                                                                    Sequence 4, Application US/08807263C
Fatent No. 598567
GENERAL INFORMATION:
APPLICANT: Mortensen, Uffe
APPLICANT: Olesen, Keld
APPLICANT: Stemnicke, Hemning
APPLICANT: Stemnicke, Hemning
APPLICANT: Stemnicke, Hemning
APPLICANT: Stemnicke, Hemning
APPLICANT: Breddam, Klaus
TITLE OF INVENTION: MODIFFIED CARBOXYPEPTIDASE
FILE REFERENCE: 8648.71us01-no4
CURRENT APPLICATION NUMBER: US/08/807,263C
CURRENT FILING DATE: 1997-02-28
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Breddam, Klaus
APPLICANT: Mortenen, Uffe
APPLICANT: Mortenen, Uffe
APPLICANT: Stennicke, Henning
APPLICANT: Stennicke, Henning
APPLICANT: Wagner, Fred
ITILE OF INVENTION: CUSTOMIZED PROTEASES
ITINES OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant, Gould, Smith, Edell,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-08-807-263-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 2
US-08-899-324-33
'Sequence 33, Application US/08899324
'Patent No. 5945329
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338 DFICNWLGNKAWTDVL 353
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Matches 8; Conservative
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US-08-309-341-2

Sequence 2, Application US/08309341

Patent No. 5594119

CENERAL INFORMATION:

APPLICANT: Yaver, Debbie Sue
APPLICANT: Thompson, Sheryl Ann
TITLE OF INVENTION: GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: No. 55941190 No. 5594119disk of No. 5594119th America, Inc. STREET: 405 Lexington Avenue, Suite 6400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         49.5%; Score 55; DB 3; Length 532; llarity 50.0%; Pred. No. 5.7; Conservative 4; Mismatches 4; Indels
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COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/309,341
FILING DATE: 16-SEP-1994
CLASSIFICATION: 435
CLASSIFICATION: 435
PALOR APPLICATION DATA:
APPLICATION NUMBER: 08/144,704
FILING DATE: 28-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kettleberger, Denise M
REGISTRATION NUMBER: 648.44US01
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: 612/332-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4247.000-US
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NAME: Lowney, Karen A.
REGISTRATION UNUBER: 31,274
REFERENCE/DOCKET UNWBER: 4247
TELECOMMUNICATION INFORMATION:
TELEPAN: 212 867 0123
TELEFAX: 212 867 0298
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              449 DFICNWLGNKAWTDVL 464
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TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            internal
                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANTI-SENSE: NO FRAGMENT TYPE: ORIGINAL SOURCE: US-08-329-8928-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
49.5%; Score 55; DB 2; Length 532;
Best Local Similarity 50.0%; Pred. No. 5.7;
Matches 8; Conservative 4; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Breddam, Klaus
APPLICANT: Keilland-Brandt, Morten
APPLICANT: Mortensen, Uffe
APPLICANT: Olesen, Kjeld
APPLICANT: Stennicke, Henning
APPLICANT: Wagner, Fred
APPLICANT: Wagner, Fred
TITLE OF INVENTION: CUSTOMIZED PROTEASE
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER REDABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/329,892B
FILING DATE: 27-OCT-1994
                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,324
FILING DATE: 23-JUL-1997
CLASSIFFCATION: 435
PRICA APPLICATION HAT:
APPLICATION NUMBER: 08/329,892
FILING DATE: 27-OCT-1994
APPLICATION NUMBER: 08/144,704
FILING DATE: 28-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kettleberger, Denise M
REGISTRATION NUMBER: 33,924
REFERENCE/DOCKET NUMBER: 33,924
REFERENCE/DOCKET NUMBER: 33,924
REFERENCE/DOCKET NUMBER: 33,924
REFERENCE/DOCKET NUMBER: 31,924
TELECOMMUNICATION INFORMATION:
TELECHANGER: 612/332-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 33, Application US/08329892B
Patent No. 6187579
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        449 DFICNWLGNKAWIDVL 464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWVCEWLKNOWWCNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 single
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ZIP: 55402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FRAGMENT TYPE: ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-329-892B-33
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1 DWVCEWLKNQWWCNVL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
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    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                New York
: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: New York COUNTRY: U.S.A. ZIP: 10174-6401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-608-267-4
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APPLICANT: Trompson, Sheryl Ann
TITLE OF INVENTION: GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 55941190 No. 5594119disk of No. 5594119th America, Inc.
STREET: 405 Lexington Avenue, Suite 6400
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/08608267
Patent No. 568863
GENERAL INFORMATION:
APPLICANT: Yaver, Debbie Sue
APPLICANT: Thompson, Sheryl Ann
TITLE OF INVENTION: GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                    Query Match 45.0%; Score 50; DB 1; Length 557; Best Local Similarity 43.8%; Pred. No. 29; Matches 7; Conservative 3; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            45.0%; Score 50; DB 1; Length 557; 43.8%; Pred. No. 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPPY disk
COMPUTER: IBP PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/309,341
FILING DATE: 16-SEP-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3; Mismatches
                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/08309341
Patent No. 5594119
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Lowney, Karen A.
REGISTATION NUMBER: 31,274
REPERENCE/DOCKET NUMBER: 4247
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 867 0123
TELEFAX: 212 867 0298
INFORMATION FOR SEQ ID NO: 4:
                  ; ORGANISM: Aspergillus Niger
US-08-309-341-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Aspergillus Niger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |::| || |: | | | 472 DFICNWLGNKAWTEAL 487
                                                                                                                                                                                                                       472 DFICNWLGNKAWTEAL 487
                                                                                                                                                                           1 DWVCEWLKNOWWCNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWVCEWLKNQWWCNVL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 557 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 43.8<sup>3</sup>
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-608-267-2
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APPLICANT: Yaver, Debbie Sue
APPLICANT: Thompson, Sheryl Ann
TITLE OF INVENTION:
GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 56886630 No. 5688663disk of No. 5688663th America, Inc.
STREET: 405 Lexington Avenue, Suite 6400
CITY: New York
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 56886630 No. 5688663disk of No. 5688663th America, Inc.
STREET: 405 Lexington Avenue, Suite 6400
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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0
                                                                                                                           COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PACEATIN Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/608,267
FILING DATE: 28-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          45.0%; Score 50; DB 1; Length 557; 43.8%; Pred. No. 29;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Lowney, Karen A.
REGISTRATION NUMBER: 31,274
REFERENCE/DOCKET NUMBER: 4247.000-US
                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/309,341
FILING DATE: 20-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/608,267
FILING DATE: 28-FEB-1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: protein ORIGINAL SOURCE: ORGANISM: Aspergillus Niger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 867 0123
TELEPAX: 212 867 0298
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             472 DFICNWLGNKAWTEAL 487
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TOPOLOGY:
         US-08-608-452-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Yaver, Debbie Sue
APPLICANT: Thompson, Sheryl Ann
APPLICANT: Thompson, Sheryl Ann
APPLICANT: Thompson, Sheryl Ann
APPLICANT: Thompson, Sheryl Ann
TITLE OF INVENTION: GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
NUMBER OF SEQUENCES:
ADDRESSE: A
ADDRESSE: No. 56935100 No. 5693510disk of No. 5693510th America, Inc.
STREET: 405 Lexington Avenue, Suite 6400
CITY: New York
COUNTRY: U.S.A.
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk.
                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 50; DB 1; Length 557; Pred. No. 29; 3; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: DC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                        45.0%; Score 50; 43.8%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/608,452
FILING DATE: 28-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/309,341
FILING DATE: 20-5EP-1994
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: US 08/309,341
FILING DATE: 20-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/08608452
Patent No. 5693510
GENERAL INFORMATION:
                                                               NAME: LOWINGY, Karen A.
REGIGTRATION NUMBER: 31,274
REFRENCE/DOCKET NUMBER: 4247
TELECOMMUNICATION INFORMATION:
TELEFROME 212 867 0123
TELEFAX: 212 867 0298
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 557 amino acids
TYPE: amino acid
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPAN: 212 867 0123
TELEPAK: 212 867 0298
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 557 anino acids
TYPE: amino acids
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Aspergillus Niger
US-08-608-267-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               31,274
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      472 DFICNWLGNKAWTEAL 487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DWVCEWLKNOWWCNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Lowney, Karen A. REGISTRATION NUMBER: 31, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-608-452-2
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CITY: New York
CITY: New York
COUNTRY: U.S.A.
ZIP: 10174-6401
MEDIUM TYPE: Floppy disk
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                Sequence 4, Application US/08608452
Patent No. 5693510
GENERAL INFORMATION:
APPLICANT: Yaver, Debbie Sue
APPLICANT: Thompson, Sheryl Ann
TILLE OF INVENTION: GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                     Gaps
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                       45.0%; Score 50; DB 1; Length 557; 43.8%; Pred. No. 29;
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                                                                  Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PALENTEN FOLLOWS/MS-LOUS
SOFTWARE: PALENTEN RELEASE #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/608,452
FILING DATE: 28-FEB-1996
CLASSIFICATION 1536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/309,341
FILING DATE: 20-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME I CONTINUE APPLICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     45.0%; Score 50; DB 1; 43.8%; Pred. No. 29;
                                                                     3; Mismatches
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REGISTRATION NUMBER: 31,274
REFERENCE/DOCKET NUMBER: 4247.000-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 867 023
TELEFAX: 212 867 0298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 10
US-08-608-224-2
Sequence 2, Application US/08608224;
Patent No. 5705376;
GENERAL INFORMATION:
APPLICANT: Yaver, Debbie Sue;
APPLICANT: Thompson, Sheryl Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Aspergillus Niger
                                                                                                                                          472 DFICHWLGNKAWTEAL 487
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                                                                                                              1 DWVCEWLKNOWWCNVL 16
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Query Match
Best Local Similarity 43.0.
To Conservative
To Conservative
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Best Local Similarity 43.8'
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 212 867 0298
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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TELEFAX: 212 867 0298
INFORMATION FOR SEQ ID NO: 2:
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                                                                                                                                                                                                                                                                                              557 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: New York
STATE: New York
COUNTRY: N.S.A.
ZIP: 10174-6401
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                          single
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                                                                                                                                                                                                                                                                                                               TYPE: amino acid STRANDEDNESS: siz
                                                                                                                                                                                                                                                                                                                                                                   linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-608-224-4
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US-08-967-149-2
                                                                                                                                                                                                                                                                                            LENGTH:
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Patent No. 5705376

GENERAL INFORMATION:
APPLICANT: Yaver, Debbie Sue
TITLE OF INVENTION: GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
OF INVENTION: GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
MUMBER OF SEQUENCES:
ADDRESSEE: No. 57053760 No. 5705376disk of No. 5705376th America, Inc.
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 57053760 No. 5705376disk of No. 5705376th America, Inc.
COUNTRY: New York
COUNTRY: U.S.A.
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ó
                   NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5705376disk of No. 5705376th America, Inc.
STRREET: 405 Lexington Avenue, Suite 6400
CITY: New York
GENE ENCODING CARBOXYPEPTIDASE OF ASPERGILLUS NIGER
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                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO) CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/608,224
FILING DATE: 28-FEB-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/309,341
FILING DATE: 20-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Parentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/608,224
FILING DATE: 28-FEB-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: LOWNEY, KAIEN A.
REGISTRATION NUMBER: 31,274
REFERENCE/DOCKET NUMBER: 4247.000-US
TELECOMENNICATION INFORMATION:
TELECHONE: 212 867 0123
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORIGINAL SOURCE:
ORGANISM: Aspergillus Niger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  472 DFICNWLGNKAWTEAL 487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 DWVCEWLKNOWWCNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 557 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                      STATE: New York
COUNTRY: U.S.A.
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          protein
  ITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 28 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-608-224-2
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CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 59393050 No. 5939305disk of No. 5939305th America, Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 557;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPARE: PC-DOS/MS-DOS
SOFTWARE: Pentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Yaver, Debbie Sue
APPLICANT: Thompson, Sheryl Ann
TITLE OF INVENTION: GENE ENCODING CARBOXYPEPTIDASE OF
TITLE OF INVENTION: ASPERGILLUS NIGER
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 50; DB 1;
Pred. No. 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  %: 405 Lexington Avenue, Suite 6400
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3; Mismatches
APPLICATION NUMBER: US 08/309,341
FILING DATE: LO-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: LOWINGY, KAICH A.
REGISTRATION NUMBER: 31,274
REFERENCE/DOCKET NUMBER: 4247.000-US
TELECOMMUNICATION INFORMATION:
TELEPRANCE, 212 867 0123
TELEPRANCE, 212 867 0123
INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4247.000-US
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/608,452
FILING DATE: 28-FEB-1996
APPLICATION NUMBER: US 08/309,341
FILING DATE: 20-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/08967149
Patent No. 5939305
                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Aspergillus Niger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 867 0123
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Best Local Similarity 43.8%;
Matches 7; Conservative
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ZIP: 10174
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                                                                                                                                                                                                                                                                      COUNTRY:
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APPLICANT:
APPLICANT:
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APPLICANT:
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43.8%; Pred. No. 29;
Live 3; Mismatches 6; Indels
                                                                             Query Match 45.0%; Score 50; DB 2; Length 557; Best Local Similarity 43.8%; Pred. No. 29; Matches 7; Conservative 3; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION NUMBER: US 08/608,452
FILING DATE: 28-FEB-1996
APPLICATION NUMBER: US 08/309,341
FILING DATE: 20-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: LOWINY, KATER A.
REGISTRATION NUMBER: 31,274
REFERENCE/DOCKET NUMBER: 4247
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 867 0123
TELEPHONE: 212 867 0298
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 557 amino acids
TYPE: amino acids
TYPE: amino acid
STANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            31,274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Aspergillus Niger
US-08-967-149-4
                                     ORGANISM: Aspergillus Niger
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        472 DFICNWLGNKAWTEAL 487
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                                                                                                                                    1 DWVCEWLKNQWWCNVL 16
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Best Local Similarity 43.84
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein ORIGINAL SOURCE:
        MOLECULE TYPE: protein ORIGINAL SOURCE:
linear
TOPOLOGY:
                                                                                                                                                                                                                    US-08-967-149-4
                                                   US-08-967-149-2
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Pred. No. 40;
1; Mismatches 2; Indels
                                                                                    APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
APPLICANT: Rey, Michael
APPLICANT: Rolighty Blizabeth
APPLICANT: Klotz, Alan
APPLICANT: Mathis Ben, Thomas Brik
APPLICANT: Mathis Ben, Thomas Brik
APPLICANT: Mathis Ben, Thomas Brik
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF INVENTION: Encoding Same
NUMBER OF SECURNCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OCHEVIER: 150 COMPACTED OPERATING SYSTEM: DOS SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLIACATION DATA:
APPLICATION NUMBER: US/08/943,714
APPLICATION NUMBER: US/08/943,714
FILING DATE: 03-OCT-1997
CLASSIFICATION: 435
ATTORNAY AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4990.200-US
TELEPHONE: 212-867-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 53, Application US/08851567B; Patent No. 6528484; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Rocheleau, Thomas A.
Blackburn, Michael B.
Hey, Timothy D.
Merlo, Donald J.
Orr, Gregory L.
                                                                   Blinkovsky, Alexander
Sequence 9, Application US/08943714;
Patent No. 6187578
GENERAL INFORMATION:
APPLICANT: Blinkovsky, Alexander
APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
                                                                                                                                                                                                                                                                                                                 STREET: 405 Lexington Avenue CITY: New York STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: amino acids; TYPE: amino acids; STRANDEDNESS: single; TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ensign, Jerald C
Bowen, David J
Petell, James
Fatig, Raymond
Schoonover, Sue
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IBM Compatible
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Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          340 DWICNWLGN 348
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APPLICANT:
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Roberts, Jean L

APPLICANT:

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APPLICANT: Strickland, James A. APPLICANT: Strickland, James A. APPLICANT: Guo, Lining A. APPLICANT: Guo, Lining A. APPLICANT: Guo, Lining A. APPLICANT: Subhapinad, Kitiari
ITITE OF INVENTION: Insecticidal Protein Toxins From Photorhabdus CORRESPONDENCES: Base Construction of CITE: 130 Zinaville Road CITE: 130 Zinaville Road CITE: 130 Zinaville Road CITE: 130 Zinaville Road CITE: 14 G668

COMPUTE: IN CONTRICE: TO COMPUTE: Floory disk COMPUTE: Plandpoils H.O. Version #1.30

ZIP: APPLICATION PATA: PC-DOS/MS-DOS SOFTWARE: Plandpoils H.O. Version #1.30

CLASSIFICATION NUMBER: US 08/063,615

PRIOR APPLICATION NUMBER: US 08/063,615

PRIOR APPLICATION NUMBER: US 08/063,435

FILING DATE: 18-MAX-1997

APPLICATION NUMBER: US 08/063,435

FILING DATE: 18-MAX-199

PRIOR APPLICATION NUMBER: US 08/063,435

FILING DATE: 18-MAX-199

PRIOR APPLICATION NUMBER: US 08/063,435

FILING DATE: 28-FEB-195

PRIOR APPLICATION NUMBER: US 08/063,435

FILING DATE: 28-FEB-195

FILING DATE: 28-FEB-196

FILING DATE
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Gaps 0; Query Match 43.2%; Score 48; DB 4; Length 1844; Best Local Similarity 54.5%; Pred. No. 1.8e+02; Matches 6; Conservative 2; Mismatches 3; Indels 561 WITQWLKTOKW 571 2 WVCEWLKNOWW 12

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Search completed: September 8, 2004, 12:58:38 Job time : 13.2 secs

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Sequence 125, App
Sequence 112, App
Sequence 112, App
Sequence 122, App
Sequence 140, App
Sequence 143, App
Sequence 143, App
Sequence 141, App
Sequence 151, App
Sequence 151, App
Sequence 151, App
Sequence 151, App
Sequence 156, App
Sequence 126, App
                                                                                                                 8, 2004, 12:53:30 ; Search time 44.3 Seconds
    (without alignments)
    113.793 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Published Applications AA:*

| cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB_pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB_pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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17: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-825-517A-125
US-09-825-517A-142
US-09-825-517A-112
US-09-825-517A-140
US-09-825-517A-140
US-09-825-517A-138
US-09-825-517A-141
US-09-825-517A-141
US-09-825-517A-151
US-09-825-517A-151
US-09-825-517A-151
US-09-825-517A-151
US-09-825-517A-151
US-09-825-517A-151
US-09-825-517A-151
US-09-825-517A-126
US-09-825-517A-126
US-09-825-517A-146
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                                                                                                                                                                                                                                                                                                                                          1298764 seqs, 315065143 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SUMMARIES
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                                                                                using sw model
                                                                                                                                                                                                                                                                                                    Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                         1 DWVCEWLKMQWACNVL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                        length: 0
length: 2000000000
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Match Length DB

    protein search,

                                                                                                                     September
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97.1
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum DB seq
Maximum DB seq
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App Appl Appl Appl Appl Appl Appl Appl	Appl
204	78,
Sequence Seq	Sequence
US-09-825-517A-115 US-09-825-517A-144 US-09-825-517A-144 US-09-825-517A-144 US-09-825-517A-147 US-09-825-517A-147 US-09-825-517A-147 US-09-825-517A-167 US-09-825-517A-135 US-09-825-517A-135 US-09-825-517A-135 US-09-825-517A-139 US-09-825-517A-139 US-09-825-517A-139 US-09-825-517A-139 US-09-825-517A-104 US-09-825-517A-105 US-09-825-517A-106 US-09-825-517A-116 US-09-825-517A-116 US-09-825-517A-116 US-09-825-517A-116	US-09-825-517A-78
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811.6 811.6 77.7.7 76.7.7.7 77.7.7 77.7.7 77.7.7 77.7 8.8 8.8	
88887777777777777777777777777777777777	72
11111277777777777777777777777777777777	45

## ALIGNMENTS

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 16;
                                                                             APPLICANT: Rondon. Issac J
APPLICANT: Rondon. Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                     ), OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 103; DB 11;
100.0%; Pred. No. 3.8e-07;
iive 0; Mismatches 0;
                Sequence 125, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 142, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWVCEWLKMQWACNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 16; Conservative
US-09-825-517A-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-825-517A-142
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 122
LENGTH: 16
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. Sequence 54, Application US/09825517A
. Publication No. US20030203415A1
. GENERAL INFORMATION:
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Sequence 112, Application No. US2030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, 188aC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTICEN (CEA.);
FILE REFERENCE: DXX-016.1 (3421.1005-001);
CURRENT FILING DATE: 2003-03-24;
PRIOR APPLICATION NUMBER: US 09/541,345;
PRIOR PLILNG DATE: 2000-04-03;
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PRAEESEQ for Windows Version 4.0;
SEQ ID NO 112
                       APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REPRENCE: DYX-016.1 (3421.1005-001)
CURRENT PILITIG DATE: 2003-03-24
PRIOR PILITIG DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 142
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             99.0%; Score 102; DB 11; Length 16; 93.8%; Pred. No. 5.2e-07;
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                                                                                                                                                                                                                                                                                                                                                                           ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 122, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING FEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 103; DB 11;
100.0%; Pred. No. 3.8e-07;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 93.8
Matches 15, Conservative
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US-09-825-517A-112
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                                                                                              Query Match 99.0%; Score 102; DB 11; Length 16; Best Local Similarity 93.0%; Pred. No. 5.2e-07; Matches 15; Conservative 1; Mismatches 0; Indels
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 140
OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-122
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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Pred. No. 5.2e-07;
1; Mismatches 0;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 54
LENGTH: 16
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Sequence 141, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 141

LENGTH: 16
                                                                                                                                                                                                                                                                                 APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOTTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 49
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            90.3%; Score 93; DB 11; Length 16; 93.8%; Pred. No. 8.2e-06; cive 1; Mismatches 0; Indels
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         Indels
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US-09-825-517A-141
         0
         1; Mismatches
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                                                                                                                                                                                           US-09-825-517A-49
. Sequence 49, Application US/09825517A
. Publication No. US20030203415A1
. GENERAL INFORMATION:
                                                                                                  1 DWVCEWLKMOWACNML 16
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                      1 DWVCEWLKMQWACNVL
         15; Conservative
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Matches 14; Conservative
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                                                                                                                      Length 16;
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FESTSEQ for Windows Version 4.0
SEQ ID NO 138
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (1421.1055-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         97.1%; Score 100; DB 11; Length 16; 93.8%; Pred. No. 9.6e-07; live 1; Mismatches 0; Indels
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                                                                                                                                                                       0; Indels
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                                                                                                                 Query Match

97.1%; Score 100; DB 11;
Best Local Similarity 93.8%; Pred. No. 9.6e-07;
Matches 15; Conservative 1; Mismatches 0;
                                              OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                            Sequence 138, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 143, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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93.8%;
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ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                 1 DWVCEWLKMQWACNVL 16
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Best Local Similarity
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Matches 15; Conserv
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                                                                       US-09-825-517A-54
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LENGTH: 16
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Length 16;

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Sequence 148, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

; PRIOR APPLICATION NUMBER: US 09/541,345

; PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         83.5%; Score 86; DB 11; Length 16; 81.2%; Pred. No. 7e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

86.4%; Score 89; DB 11; Length 16

Best Local Similarity 87.5%; Pred. No. 2.8e-05;

Matches 14; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA) FILE REFERENCE: DYX-016.1 (3421.1005-001) CURRENT APPLICATION NUMBER: US/09/825,517A CURRENT FILING DATE: 2003-03-24 PRIOR PILING DATE: 2000-04-03 PRIOR FILING DATE: 2000-04-03 SPETURENT FABELSEQ FOR WINDER OF SEQ ID NOS: 151 SOFTWARE: FABELSEQ FOR Windows Version 4.0 SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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SOTTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 148
LENGTH: 16
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; Sequence 146, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 81.2<sup>3</sup>
Matches 13; Conservative
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                                                  Sequence 15. Application US/09025517A

Publication No. US20030203415A1

GRNERAL INPORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TILE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 151
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BANDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BANDING CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  90.3%; Score 93; DB 11; Length 16
93.8%; Pred. No. 8.2e-06;
Live 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match

87.4%; Score 90; DB 11; Length 16

Best Local Similarity 81.2%; Pred. No. 2.1e-05;

Matches 13; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 101
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 13
US-09-825-517A-126
Sequence 126, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWVCEWLKMOWACNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWVCEFLKMQWACNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 DWVCEWLKMOWACNVL 16
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APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 90.3
Best Local Similarity 93.8
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-825-517A-101
             RESULT 11
US-09-825-517A-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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Gaps

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3; Indels

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) NUMBER OF SEQ ID NOS: 151

) SOFTWARE: FastSEQ for Windows Version 4.0

) SEQ ID NO 146

) LENGTH: 16

) TYPE: PRT

) ORGANIZH: Synthetic 16-mer microprotein analogue

) OTHER INFORMATION: Synthetic 16-mer microprotein analogue

US-09-825-517A-146

Query Match

Query Match

Best Local Similarity 81.2%; Pred. No. 9.5e-05;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps

Qy

I DWVCEWLKNOWACNVL 16

Db

I DWVCEWLKSOWFCNSL 16
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Search completed: September 8, 2004, 14:25:08 Job time: 44.3 secs

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us-09-825-517a-125.rai

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Sequence 4, Appli
Sequence 4, Appli
Sequence 5665, Ap
Sequence 5666, Ap
Sequence 4, Appli
Sequence 7155, Appli
Sequence 12688, A
Sequence 12688, A
Sequence 12688, A
Sequence 17, Appli
Sequence 17, Appli
Sequence 77, Appli
Sequence 47, Appli
Sequence 27, Appli
Sequence 27, Appli
Sequence 47, Appli
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Sequence 10, Appl
Sequence 6, Appli
Sequence 16, Appl
Sequence 95, Appl
Sequence 24, Appl
Sequence 24, Appl
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27, Appl
47, Appl
21369, A
32166, A
25095, A
4, Appli
4, Appli
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                                                                   September 8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3
Sequence 4
Sequence 4
                                                                                                                                                                                                                                                                                                                                Issued Patents AA:*

(cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
(cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
(cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
(cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
(cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
(cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-843-417-10
US-09-527-013-10
                                                                                                                                                                                                  389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUMMARIES
                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                             OM protein - protein search, using sw model
                                                                                                                                                              BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                             103
1 DWVCEWLKMQWACNVL 16
                                                                                                                  US-09-825-517A-125
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Maximum DB seq length: 200000000
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Match Length DB
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7.044
7.044
7.044
7.04
                                                                                                                             Perfect score:
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                                                                                                                                                                                                  Searched:
                                                                                                                                           Sequence:
                                                                                                                                                                                                                                                                                                                                  Database
                                                                     Run on:
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No.
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Sequence 6, Appli Sequence 6, Appli Sequence 11, Appl Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 9, Appl Sequence 64, Appl Sequence 65, Appl Sequence 75, Appl Sequence 23, Appl	NUCLEIC ACIDS TOWER BOULEVARD orage
US-08-850-328-4 US-08-867-611-6 US-09-690-359-6 PCT-US92-06965A-11 US-08-867-611-36 US-08-444-818-30 US-09-690-359-36 US-08-444-818-30 US-08-444-818-54 US-08-444-818-55 US-08-444-818-75 US-08-444-818-75 US-08-466-975A-23 US-08-466-975A-23 US-08-467-902A-23 US-08-467-902A-23 US-09-275-265-23 US-09-941-611-23	ALIGNMENTS  1768A  ENASE PROTEINS AND ENASE PROTEINS AND So inch, 1.4 MB st mpatible 3.1 1 and ASCII 7061,768A 98 E E E
0 1 1 1 1 0 0 0 0 4 4 8 9 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ARATION: BRASH, ALAN R. BRASH, ALAN R. BRASH, MILLIAM E. JISAGA, WILLIAM E. JISAGA, JAGON C. S. RARLES A. TAYLOR, SUITE 1400, UNIVERS SHAM. USA  USA  USA  USA  USA  USA  USA  USA
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	plication US/09 4037 A037 BRASH, ALAN R. BOEGLIN, WILLIA BOEGLIN, WILLIA USAA, MITSOL VENTION: LIPOX BUDENCES: 36 NCE ADDRESS: R. ARLES A. TAY SUITE 1400, UNI RHAM USA 07 ATADBLE FORM: BENT CAROLINA USA 07 ATADBLE FORM: BENT DISKETE; IGATON DETA: ICATON DATA: UNMURBER: US/ ATION: 435 ATION AUMBER: TE: APLIC ATION DATA: NON NUMBER: 39 (1919) 419-0383 ON NUMBER: 39 (1919) 419-0383 ON NUMBER: 39 (1019) 419-0383 ON NUMBER: 39 (1019) 419-0383 ON SEQ ID NO: ARACTERISTICS: GATACTERISTICS: ARACTERISTICS:
	A-4 Application US/ FORMATION: T: BRASH, ALAN T: BRASH, MINI T: USAR, MINI T: USAR, MINI T: USAR, MINI I: SUITE 1400, U NORTH CARDINESS: SEE: ARLES A. T SUITE 1400, U NORTH CARDINA Y: USA Y: USA TYPE: Diskette ER: IBM PC/XT/A READABLE FORM: TYPE: MORD PERFEC ARE: ASSTEM: WAND PERFEC TO DATE: APPLICATION DATA ATION NUMBER: U DATE: APRLICATION DATA ATION NUMBER: A TO DATE: ADATE: APRLICATION DATA ATION NUMBER: U DATE: APPLICATION DATA ATION NUMBER: A TO DATE: ADATE: APPLICATION DATA ATION NUMBER: U DATE: APPLICATION DATA ATION NUMBER: A TO DATE: APPLICATION NUMBER: C TO DATE: APPLICATION NUMBER: A TO DATE: APPLICATION NUMBER: A TO NUMBER: A TO DATE: APPLICATION NUMBER: APPLIC
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2	RESULT 1 US-09-061-7 Sequence Patent APPLIC

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Gaps

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44.7%; Score 46; DB 3; Length 677; 40.0%; Pred. No. 44; tive 3; Mismatches 3; Indels

4; Conservative 2 WVCEWLKMQW 11

Best Local Similarity
Matches 4; Conserva

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Query Match

0;

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8; Indels

1; Mismatches

44.7%; Score 46; 40.0%; Pred. No.

Length 1129;

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TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 2855
LENGTH: 1129
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                                                                                                                                                                                                                                6; Conservative
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Best Local Similarity
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; LOCATION: -24..-1
US-09-621-976-5666
                                                                                                                       ; ORGANISM: FSEUGO
US-09-252-991A-28552
                                                                                                                                                                                                                                                                                                                                                                                         RESULT 4
US-09-621-976-5666
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US-09-640-305-4
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Sequence 2855, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUCINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ABRUCINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR APPLICATION NUMBER: US 60/094,190
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STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                                               APPLICANT: BRASH, ALAN R.
BOEGLIN, WILLIAM E.
JISAKA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
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40.0%; Pred. No. 44;
tive 3; Mismatches 3; Indels.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERFING SYSTEM: Windows 3.1 SOFTWARE: WORD PERFECT 6.1 and ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:

APPLICATION NAMER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIPICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: «Unknown>
FILING DATE: «Unknown>
FILING DATE: «Unknown>
ATTORNEY, AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
REFERENCE/DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
TELEFAK: (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                ; Sequence 4, Application US/09764246; Patent No. 6649355; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                          STATE: NORTH CAROLINA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 27707
COMPUTER READABLE FORM:
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Best Local Similarity 40.0
Matches 4; Conservative
                   88 WFCRWFELEW 97
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-252-991A-28552
                                                                                                                US-09-764-246-4
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Yeh, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
PREPARATION AND USE
                                                                                                                                                                                                                                                                                                                                                                                                                               Length 71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                        APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET: 054PR2
CURRENT APPLICATION NUMBER: US/09/621, 976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 5666
LENGTH: 71
                                                                                                                                                                                                                                                                                                                                                                                                                               Score 45; DB 4;
Pred. No. 5.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
Sequence 5666, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 4, Application US/09640305; Patent No. RE37447; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Fleer, Reinhard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                  43.78;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
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US-09-621-976-7155; Sequence 7155, Application US/09621976; Patent No. 6639063; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                        405 DYICNWLGNLAWTEKLEWRYN 425
                                                                                                                                                                                                                                                                                1 DWVCEWL-----KMOWACN 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-943-714-9; Sequence 9, Application US/08943714; Patent No. 6187578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               405 Lexington Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   42.7%;
                                                                                                                                                                                         Query Match
Best Local Similarity 33.3%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 491 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5; Conservative
                                                                                                                         ) MOLECULE TYPE: protein US-08-360-673-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    45 DWLADWWKVGW 55
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                                                                                        amino acid
                                                                                                                linear
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Best Local Similarity
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                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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                                                                                        TYPE:
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APPLICANT: Fournier, Alain
APPLICANT: Fournier, Alain
APPLICANT: Yeh, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
TITLE OF INVENTION: PREPARATION AND USE
CORRESPONDENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 19002
ZIP: 19002
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/360,673
                                                                           FILING DATE: 06-FEB-1995
APPLICATION NUMBER: WO PCT/FR93/00623
FILING DATE: 23-JUN-1993
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-JUN-1992
                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Smith, Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: ST92040-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 43.2%; Score 44.5; D
Best Local Similarity 33.3%; Pred. No. 53;
Matches 7; Conservative 4; Mismatches
               FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/360,673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 23-JUN-1993
FILING APPLICATION DATA:
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-JUN-1992
ATONEY/AGENT INFORMATION:
NAME: Smith, Julie K.
REGISTRATION NUMBER: 38,619
REGISTRATION NUMBER: 38,619
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
APPLICATION NUMBER: US/09/640,305
                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Rhone-Poulenc Rorer Inc. STREET: 500 Arcola Rd. 3C43 CITY: Collegeville
                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3839
TELEFAX: (610) 454-3808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             405 DYICHWLGNLAWTEKLEWRYN 425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWVCEWL-----KMOWACN 14
                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 491 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/08360673
Patent No. 5679544
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 4;
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-360-673-4
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                                                Gaps
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                                             7;
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  DB 1; Length 491;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Blinkovsky, Alexander
APPLICANT: Braka, Randy
APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
APPLICANT: Rey, Michael
APPLICANT: Rey, Michael
APPLICANT: Rolotz, Alan
APPLICANT: Mathisen, Thomas Erik
APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF INVENTION: Encoding Same
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                             3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 89,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3; Indels
                                                                                                                                                                                                                                                                                                   APPLICANT: JONEAT, S.
APPLICANT: JODEAT, S.
APPLICANT: JODEAT, S.
APPLICANT: JONEAT, S.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SOFTWARE: Patent.pm
TYPE: LENGTH: 89
TYPE: RR
TYPE: RR
CORANISM: Homo sapiens
US-09-621-976-7155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 44; DB 4;
Pred. No. 10;
; Score 44.5; DB; Pred. No. 53; 4; Mismatches
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APPLICANT: Beckhold, Gertrud
APPLICANT: Beckhold, Rolf
APPLICANT: Unsicker, Klaus
TITLE OF INVENTION: UNSE OF MP121 FOR TREATING AND PREVENTING DISEASES OF THE
TITLE OF INVENTION: UNSE OF MOBER: US 08/981, 490B
TITLE OF INVENTION: NUMBER: PCT/EP96/03065
FILE REFERENCE: 1998-05-18
FRIOR APPLICATION NUMBER: PCT/EP96/03065
PRIOR APPLICATION NUMBER: DE/195 25 416.3
PRIOR APPLICATION NUMBER: DE/195 25 416.3
PRIOR APPLICATION NUMBER: DE/195 25 416.3
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 41.7%; Score 43; DB 2; Length 501; Best Local Similarity 40.0%; Pred. No. 90; Matches 6; Indels Matches
                                                    COUNTRY: U.S.A.

COUNTRY: U.S.A.

COUNTRY: U.S.A.

COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM:

COMPATING SYSTEM:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/288,508C

FILING DATE: 10-AUG-1994

CLASSIFICATION DATA:

APPLICATION NUMBER: US/08/289,508C

FILING DATE: 10-AUG-1994

PRIOR APPLICATION DATA:

APPLICATION DATE: 10-AUG-1993

PRIOR APPLICATION DATA:

APPLICATION DATE: 25-AMY-1994

PRIOR APPLICATION DATA:

APPLICATION DATE: 10-AUG-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE P 44 20 157.5

FILING DATE: 09-JUN-1994

PRIOR APPLICATION NUMBER: PS + 41,092

REGISTRATION NUMBER: P + 41,092

REGISTRATION NUMBER: PS + 4019

TELECOMMUNICATION INFORMATION:

NAME: JAHNS, KT15 tina M.

REGISTRATION NUMBER: P564-4019

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-981-490B-1; Sequence 1, Application US/08981490B; Patent No. 6531450; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (202) 638-4810
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 WVCEWLKMQWACNVL 16
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amino acid
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; ORGANISM: Homo sapiens
US-08-981-490B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
           Washington
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APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PREUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT FILINO NUMBER: US/09/489,039A
CURRENT FILING DATE: 1099-01-29
PRIOR FILING DATE: 1099-01-29
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Pred. No. 53;
1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NEW GROWTH/DIFFERENTIATING FACTOR OF THE TGF- FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sequence 2, Application US/08288508C
| Patent No. 5994094
| GENERAL INFORMATION:
| APPLICANT: Hitten, Gertrud
| APPLICANT: Neidhardt, Helge
| APPLICANT: Paulista, Michael
| TITLE OF INVENTION: NEW GROWTH/DIFFERENTIATING FACTOR OF
| TITLE OF INVENTION: THE TGP- FAMILY
| NUMBER OF SEQUENCES: 40
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: ADDRESSEE: | ADDRESSEE: | STREET: 655 Fifteenth Street N.W. Suite 330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Indels
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 03-0CT-1997
CLASSIFICATION: 435
ATTORNEY, AGENT INFORMATION:
NAME: Lambiris, Blias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4990.200-US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; Mismatches
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; Sequence 12688, Application US/09489039A
; Patent No. 6610836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-12688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        42.78;
71.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 12688
LENGTH: 428
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110 NWIFEWAKEAMQW 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 71.4
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 53.8
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWVCEWLK--MQW 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ss: single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           340 DWICNWL 346
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US-08-288-508C-2
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us-09-825-517a-125.rai

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TITLE OF INVENTION: MACCI Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION 196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 21369
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 41; DB 4; Length 63;
Pred. No. 20;
                                                                       DB 4; Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Indels
                                                                  Score 42; DB 4; Pred. No. 4.3; 1; Mismatches
                                                                                                                                                                                                                                                                   RESULT 14

US-09-497-41-47

Sequence 47, Application US/09497491

PAPLICANT: Walker, Craig

APPLICANT: Walker, Craig

APPLICANT: Glavera, Baldomero M.

APPLICANT: Hooper, David

APPLICANT: Greel, Doug

APPLICANT: Jacobsen, Richard

APPLICANT: Jacobsen, Richard

APPLICANT: Jones, Robert M.

TITLE OF INVENTION: Tau-Conopetides

FILE REFERENCE: Tau-Conopetides

CURRENT FILING DATE: 2000-02-04

EARLIER APPLICATION NUMBER: US 60/118,642

EARLIER FILING DATE: 1999-02-04

NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-252-991A-21369

Sequence 21369, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pseudomonas aeruginosa
                                                                  40.88;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT ORGANISM: Conus gloriamaris
                                             Ouery Match
Best Local Similarity 50.0.
6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 39.8
Best Local Similarity 83.3
Matches 5; Conservative
                                                                                                                                                               2 WVCEWLKMQWAC 13
                                                                                                                                                                                                          3 WVCRAGPLÓWLC 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  57 DWCCEW 62
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    Patent No. 6608028
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                       US-09-723-251A-27
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LENGTH: 63
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ORGANISM:
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                                                  Gaps
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Sequence 27, Application US/09723251A

Patent No. 6608028

GENERAL INFORMATION:
APPLICANT: Clark, Ross G.
APPLICANT: Clark, Ross G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Lowman, Lenry B.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2C1.2Rev
CURRENT FILING DATE: 1999-06-22
FRICR APPLICATION NUMBER: US 09/337,227
PRIOR APPLICATION NUMBER: US 09/337,227
PRIOR APPLICATION NUMBER: US 09/337,227
PRIOR PILING DATE: 1999-06-22
PRIOR PILING DATE: 1999-06-22
PRIOR PILING DATE: 1999-06-22

PRIOR PILING DATE: 1999-06-22

BRIOR FILING DATE: 1999-06-22
                                                                                                                                                                                                                        Sequence 27, Application US/09337227C

Sequence 27, Application US/09337227C

Patent No. 6420518

GENERAL INFORMATION:
APPLICANT: Clark, Ross G.
APPLICANT: Colran, Andrea G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Cochran, Inn C.A.F.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REPERRENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
CURRENT APPLICATION NUMBER: US/09/337,227C

CURRENT FILING DATE: 1999-06-22

PRIOR FILING DATE: 1999-06-23

PRIOR FILING DATE: 1999-06-33

PRIOR FILING DATE: 1999-04-04

NUMBER OF SEQ ID NOS: 51

SEQ ID NO 27

LENGTH: 21

"WANTER OF SEQ ID NOS: 51
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  41.7%; Score 43; DB 4; Length 501; 40.0%; Pred. No. 90;
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                                               6; Indels
                                               3; Mismatches
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ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial sequence
                                                                                          2 WVCEWLKMQWACNVL 16
                                                                                                                         12 WYLAWLDLEFICTVL 26
                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6; Conservative
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Query Match
Best Local Similarity
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Best Local Similarity
Matches 6; Conserv
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US-09-337-227C-27
                                                                                                                                                                                                          RESULT 12
US-09-337-227C-27
                                               9
                                               Matches
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2 WVCEWLKMOW 11 |:| || || 36 WLCAWLASCW 45

Search completed: September 8, 2004, 12:58:37 Job time: 12.2 secs

us-09-825-517a-124.rapb

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'(gnz_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
'(gnz_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
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'(gnz_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                           OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                           102
1 DWVCNLFKNQWFCDVV 16
                                                                                                                                                                                                                                                                  US-09-825-517A-124
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Maximum DB seq length: 200000000
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Perfect :
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

46, Appl 52, Appl 129, App 58, Appl 62, Appl 74, Appl Sequence 120, App Sequence 38, Appl Sequence 124, App Sequence 45, Sequence 47, Sequence 5 Sequence 1 Sequence 5 Sequence Sequence Description Sequence Sequence Sequence Sequence US-09-825-517A-124 US-09-825-517A-42 US-09-825-517A-45 US-09-825-517A-52 US-09-825-517A-58 US-09-825-517A-62 US-09-825-517A-72 US-09-825-517A-74 US-09-825-517A-45 US-09-825-517A-47 US-09-825-517A-47 US-09-825-517A-47 US-09-825-517A-47 US-09-825-517A-47 US-09-825-517A-47 US-09-825-517A-47 US-09-825-517A-47 SUMMARIES Query Match Length DB 100.0 97.1 97.1 96.1 96 4.09 96 11.46 11.46 11.46 Score Result No.

US-09-825-517A-42
; Sequence 42, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:

RESULT 2

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Sequence 83, Appl	132,	14	48,	S	53,	69	77,	98,	128,	136,	37, 7	39,	57,	66,	00	119,	131,	134,	43,	41,	79,	61,	64,	99,	40,	71,	108		92,
US-09-825-517A-83	09-825-5	-825-5	US-09-825-517A-48	- 1	US-09-825-517A-53	US-09-825-517A-69	-60	9-825-5	09-825-5	9-825-5	09-825-5	-60	09-82	US-09-825-517A-66	-825-	-60	19-825-	ŗ	US-09-825-517A-43	9	US-09-825-517A-79	4	US-09-825-517A-64	US-09-825-517A-99	39-825-5	US-09-825-517A-71	09-825-517A-1	39-825-5	US-09-825-517A-92
ij	7	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	7
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	91
93.1	93.1	93.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	90.2	89.2	89.2	87.3	87.3	87.3	86.3	86.3	86.3	85.3	85.3
95	95	95	94	94	94	94	94	94	94	94	93	93	93	93	93	93	93	93	92	91	91	8	8	8		88	88	87	87
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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US-09-825-517A-124

j Sequence 124, Application US/09825517A

j Sequence 124, Application US/09825517A

j Sequence 124, Application US. US2030203415A1

j GENERAL INFORMATION:

j APPLICANT: Robert C

j TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

j TITLE OF INVENTION: BATGEN (LEAS)

j TITLE OF INVENTION: BATGEN (LEAS)

j TITLE OF INVENTION: BATGEN (LEAS)

j CURRENT APPLICATION NUMBER: US/09/825,517A

j CURRENT APPLICATION NUMBER: US 09/541,345

j PRIOR FILING DATE: 2000-04-03

j NUMBER OF SEQ ID NOS: 151

j SOFTWARE: FastSEQ for Windows Version 4.0

j SEQ ID NO 124

j SEQ ID NO 124

j SEQ ID NO 124

j CORGANISM: Artificial Sequence

j TYPE: PRI

j ORGANISM: Artificial Sequence

j TYPE: PRI

j ORGANISM: Artificial Sequence

j CORGANISM: Artificial Sequence

j MATGHER INFORMATION: Synthetic 16-mer microprotein analogue

US-09-825-517A-124

QUELY MATCH

BEST LOCAL SIMILARIY 100.0%; Pred. NO. 1.38-07;

MATCHER INFORMATIVE

MATCHER 100.0%; Pred. NO. 1.38-07;

MATCHER 100.0%; Pred. NO. 1.38-07;
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-825-517A-129
; Sequence 129, Application US/09825517A
; Deblication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
                                                                                                                                                                                                                                                                                                                                                                        1 DWVCNLFKNOWFCDVV 16
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                                                                                                                                                              ORGANISM: Artificial Seguence
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ORGANISM: Artificial Sequence
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                                                                                                                                           TYPE: PRT
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              APPLICANT: Ladner, Robert C

ITILE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC

ITILE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC

ITILE OF INVENTION: BATIGEN (CEA)

CURRENT PAPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 42

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-825-517A-46

Sequence 46, Application US/09825517A

Sequence 46, Application US/09825517A

Publication No. US20030203415A1

APPLICANT: Ladner, Nobert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BAPLICATION OF ANTIGEN (CEA)

FILE REFREENCE: DYX-016.1 (34.21.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SEQ ID NOS: 151

SEQ ID NO 46

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 97.1%; Score 99; DB 11; Length 16; Best Local Similarity 93.8%; Pred. No. 3.3e-07; Matches 15; Conservative 1; Mismatches 0; Indels
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
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93.8%; Pred. No. 3.3e-07;
tive 1; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-42
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US-09-825-517A-52
Sequence 52, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
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Publication No. US2030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DX.-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-04-03

PRIOR PPLING DATE: 2009-04-03
                                                                                        Query Match 97.1%; Score 99; DB 11; Length 16; Best Local Similarity 93.8%; Pred. No. 3.3e-07; Matches 15; Conservative 1; Mismatches 0; Indels
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-129
; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-52
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Gaps

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Indels

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Mismatches

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1 DWVCNLFKNOWFCDV 15
                                          1 DWVCNLFKNQWFCDV 15
15; Conservative
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Sequence 74, Application US/09825517A;
Publication No. US20030203415A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA);
TITLE OF INVENTION: ANTIGEN (CEA);
TITLE OF INVENTION: ANTIGEN (CEA);
CURRENT FILING DATE: 2003-03-24
SPRIOR PELICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PESESEQ for Windows.Version 4.0
SEQ ID NO 74
                                                                                                                                                                                                                                                                                                                  US-09-825-517A-62

Sequence 62, Application US/09825517A

Publication NO.

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES

TOTRED APPLICATION NUMBER: US/09/825,517A

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FRESEQ for Windows Version 4.0

SEQ ID NO 62

LENGTH: 16
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                                                                                                         Length 16;
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                                                                                                         DB 11; L
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                                                                                                    Query Match

96.1%; Score 99; DB

Best Local Similarity 100.0%; Pred. No. 4.6

Matches 15; Conservative 0; Mismatches
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OTHER INFORMATION: CEA binding polypeptide
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                    FEATURE:
, OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-58
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0.
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Best Local Similarity
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Sequence 38, Application US/09825517A

Publication WS/03030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016-1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 38

LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         94.1%; Score 96; DB 11; Length 16; 87.5%; Pred. No. 8.8e-07; cive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-120
                                                                                             APPLICANT: ROLOGO, Issac J
APPLICANT: ROLOGO, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
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                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120
LENGTH: 16
US-09-825-517A-120
; Sequence 120, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWVCNLFKNQWFCDVV 16
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ORGANISM: Artificial Sequence
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Best Local Similarity 87.5'
...rhes 14; Conservative
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/641,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PERFECT FOR WINDOWS VERSION 4.0
SEQ ID NO 121
LENGTH: 16
TYPE: PRIOR APILICAL SEQUENCE
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BNUDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BNUTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 94.1%; Score 96; DB 11; Length 16; Best Local Similarity 93.8%; Pred. No. 8.8e-07; Matches 15; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           94.1%; Score 96; DB 11; Length 16; 86.7%; Pred. No. 8.8e-07; Live 2; Mismatches 0; Indels
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASESEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 121, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 DWVCNLFKNOWFCDVV 16
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Best Local Similarity 86.79
Matches 13, Conservative
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US-09-825-517A-81
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          APPLICANT:
PUBLICANT:
Sequence 45, Application US/09825517A
Fublication No. US20030203415A1
GRNERAL INFORMATION:
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: BATCLEA, 13421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
FRIGH APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
SOUTHWARE: PARESEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 12
US-09-825-517A-47
i Sequence 47, Application US/09825517A
i Sequence 47, Application US/09825517A
i Publication No. US20030203415A1
i GENERAL INFORMATION:
    APPLICAMT: Rondon, Issac J
    APPLICAMT: Ladner, Robert C
    TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
    TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
    TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
    TITLE OF INVENTION: BINDING PEPTIDES
    TITLE OF INVENTION: BINDING PEPTIDES
    TITLE OF INVENTION: DATE: 2009-001)
    CURRENT FILING DATE: 2009-03-24
    PRIOR FILING DATE: 2000-04-03
    NUMBER OF SEQ ID NOS: 151
    SOFTWARE: FASTSEQ for Windows Version 4.0
    SEQ ID NO 47
    LENGTH: 16
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94.1%; Score 96; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 8.8e-07;
Matches 13; Conservative 2; Mismatches 1; Indels
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86.7%; Pred. No. 8.8e-07;
tive 2; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-47
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Sequence 79, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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; APPLICANT: Ladner, Robert C
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Search completed: September 8, 2004, 14:25:08 Job time : 44.3 secs

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Sequence 13, Application US/09131028A

Patent No. 6287866

GENERAL INFORMATION:
APPLICANT: Abbort Laboratories
APPLICANT: Mukerji, Pradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Lemmel, Steven A.
APPLICANT: Lemmel, Steven A.
APPLICANT: Lemmel, Steven A.
TILE OF INVENTION: BETA-CASEIN EXPRESSING
TILE REFERENCE: 6004.US.Pl
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT APPLICATION NUMBER: US 09/064,440

PRIOR APPLICATION NUMBER: US 08/064,440

PRIOR FILING DATE: 1993-05-21

NUMBER OF SEQ ID NOS: 22
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LENGTH: 215
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Sequence 2, Appli
Sequence 2, Appli
Sequence 4, Appli
Sequence 22, Appl
Sequence 513, Ap
Sequence 619, Appl
Sequence 612, Appl
Sequence 612, Appl
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Sequence 336, App
Sequence 336, App
Sequence 336, App
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2, Appli
17516, A
27, Appl
27, Appl
8, Appli
8, Appli
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Sequence 10, App
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                                                                                         September 8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 447,
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Sequence
Sequence
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-131-028A-13
US-09-137-223A-2
US-09-337-221A-17516
US-09-723-251A-27
US-08-828-488-8
US-09-729-683A-8
US-09-702-705-336
US-09-702-705-336
US-09-714-1248-336
US-09-614-1248-336
US-09-614-1248-336
US-09-614-1248-336
US-09-61-135-336
US-09-61-135-336
US-09-890-188-22
US-09-128-35-1
US-09-029-2188-22
US-09-128-35-502
US-09-128-35-502
US-09-128-45-47
US-09-673-395A-447
US-09-673-395A-447
US-08-814-655-9
US-08-814-655-9
US-08-814-655-9
                                                                                                                                                                                                                                                                                                      Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                      389414 segs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                    Listing first 45 summaries
                                                             OM protein - protein search, using sw model
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                                                                                                                                                          US-09-825-517A-124
                                                                                                                                                                                                                                                                                                                                      Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Match Length DB
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                                                                                                                                                          Title:
Perfect score:
                                                                                                                                                                                                                         Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score
                                                                                                                                                                                            Sequence:
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No.
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                                 Sequence 13, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 12, Appl
Sequence 42, Appl
Sequence 42, Appl
Sequence 42, Appl
Sequence 43, Appl
Sequence 45, Appl
Sequence 45, Appl
Sequence 45, Appl
Sequence 45, Appl
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             Sequence
Sequence
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                                                                                                                                                                                                                                                                                                                               APPLICANT: About Laboratories
APPLICANT: Mukerji, Pradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Leonard, Amanda Eun-Yeong
CURRENT FILING DATE: 1998-08-07
PRIOR FILING DATE: 1993-05-21
NUMBER OF SEQ ID NOS: 22
SOFTMARE: FASISEQ for Windows Version 4.0
US-09-363-526-9

US-09-439-261-20

US-09-227-13-19

US-08-213-419B-13

US-09-439-261-14

US-09-439-261-14

US-09-439-261-14

US-09-439-261-16

US-09-439-261-11

US-09-439-261-11

US-09-439-261-11

US-09-439-261-11

US-09-439-261-11

US-09-439-261-11

US-09-439-261-11

US-09-439-261-13

US-09-227-613-42

US-09-227-613-42

US-09-227-613-42

US-09-227-613-42

US-09-227-613-42

US-09-227-613-42

US-09-227-613-42

US-09-227-613-42
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Pred. No. 12;
3; Mismatches 4
                                                                                                                                                                                                                                         ALIGNMENTS
                                                                                                                                                                                                                                                                                                 ; Sequence 3, Application US/09131028A; Patent No. 6287866; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               47.1%;
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12 WFCGLRGNEFFCEV 25
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    TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
77, Conserva
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Gaps
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APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: NISOLIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US /09/337,227C
CURRENT FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR FILING DATE: 1998-03-31
PRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Clark, Nouse may lead
APPLICANT: Clark, Noss G
APPLICANT: Cochran, Andrea G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Cownen, Henry B.
APPLICANT: Robinson, Ian C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2C1. 2Rev
CURRENT FILING DATE: 2000-11-27
FRIOR APPLICATION NUMBER: US 09/337,227
PRIOR PILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
LENGER OF SEQ ID NOS: 51
LENGER OF SEQ ID NOS: 51
LENGER OF SEQ ID NOS: 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
42.2%; Score 43; DB 4;
Best Local Similarity 46.2%; Pred. No. 5.6;
Matches 6; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Sequence is synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Sequence is synthesized
; Patent No. 6608028
US-09-723-251A-27
                                                                                                                                                                                                                                         Sequence 27, Application US/09337227C
Patent No. 6420518
GENERAL INPORMATION:
APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Lowman, Henry B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 27, Application US/09723251A Patent No. 6608028
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APPLICANT: Chen, Yvonne May-Yee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial sequence
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ORGANISM: Artificial sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 WVCNLFKNQWFCD 14
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                                                                               54 WICNLFAN 61
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US-09-337-227C-27
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APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: ABRUGICA ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ABRUGICAND ABRUGICAND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT PAPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER: OS 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
LENGTH: 612
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                                                                                                                                                                                                                                      47.1%; Score 48; DB 3; Length 215; 50.0%; Pred. No. 12; tive 3; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: Yee, David P
APPLICANT: Deisher, Theresa A
TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR
TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR
TITLE OF INVENTION: ZGGL-1
FILE REFERENCE: 97-18
CURRENT APPLICATION NUMBER: US/09/137,223A
CURRENT FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: 06/056,130
PRIOR APPLICATION NUMBER: 06/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 4; Length 478; 70;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5; Mismatches
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 13 LENGTH: 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44.1%; Score 45;
41.7%; Pred. No.
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Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/09137223A Patent No. 6420525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                  2 WVCNLFKNQWFCDV 15
                                                                                                                                                                                                                                                                                                                                                                                                              12 WFCGLRGNEFFCEV 25
                                                                                                                                                                                                                            Query Match
Best Local Similarity 50.0°
Matches 7; Conservative
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Best Local Similarity 41.7.
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                                                                                            TYPE: PRT; ORGANISM: Homo sapiens
US-09-131-028A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: homo sapiens
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Best Local Similarity
Matches 6; Conserv
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: PARKER: FARLSFO for 1833
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 43; DB 4; Length 480;
Pred. No. 1.3e+02;
2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                              COMPUTER: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,689A
FILING DATE:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surva K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS: 8
CORRESPONDENCE PARTMACCULICALS, INC.
STREET: 3174 Porter Drive
CITY: Palo Alto
STRIE: CA
COUNTRY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 336, Application US/09702705; Patent No. 6504010; GENERAL INFORMATION:
APPLICANT: Bangur, Chaitanya S. APPLICANT: Lodes, Michael A. APPLICANT: Fanger, Gary
APPLICANT: Fanger, Gary
APPLICANT: Fanger, Gary
APPLICANT: Renger, Gary
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fanger, Liqun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PF-0241 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DAIL:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,488
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0241
TELEPHONE: 415-855-0555
TELEPHONE: 415-865-4166
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
COMMANDIANCE OF SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
COMMANDIANCE OF SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
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TYPE: amino acids
STRANDEDNESS: single
TOPOLOGY: linear
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Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                   ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LIBRARY: GenBank
CLONE: 190283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IMMEDIATE SOURCE
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US-09-702-705-336
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                                                                                              6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYCE Pharmaceuticals, Inc.
ADDRESSEE: Incyce Pharmaceuticals, Inc.
                                                                        Best Local Similarity 46.2%; Pred. No. 5.6;
Matches 6; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Forter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REPERONCE/DOCKET NUMBER: PF-0241 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 8
US-09-299-689A-8
US-09-299-689A-8
Sequence 8, Application US/09299689A,
Patent No. 6379913
GENERAL INFORMATION:
APPLICANT: HAWKINS, Phillip R.
                                                                                                                                                                                                                                                                US-08-828-488-8; Sequence 8, Application US/08828488; Patent No. 5925521
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 415-855-0555
TELEPAX: 415-845-416
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     400 DMACNEMGDEWEVD 413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DWVCNLFKNQWFCD 14
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                                                                                                                                          2 WVCNLFKNOWFCD 14
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STRANDEDNESS: S11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 6; Conserv
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LIBRARY: GenBa
CLONE: 190283
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Gaps

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Gaps

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APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Retrer, Darrick
APPLICANT: Retrer, Marc
APPLICANT: Retrer, Mancon, Jane
APPLICANT: Retre, Mancon, Jane
APPLICANT: Retre, Mancon, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Pan, Lique
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE OF INVENTION: DIAGNOSIS OF LUNG CANCER
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210.14.79C9
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT APPLICATION NUMBER: US/09/6-05
NUMBER OF SEQ ID NOS: 827
SOFTWARE: FastSEQ for Windows Version 3.0
SSOTWARE: FastSEQ for Windows Version 3.0
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                            Score 43; DB 4; Length 480;
Pred. No. 1.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 480;
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Pred. No. 1.3e+02;
2; Mismatches 6; Indels
                                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                               US-09-671-325-336
; Sequence 336, Application US/09671325; Patent No. 667154
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Patent No. 6686447
PERERAL INFORMATION:
APPLICANT: Wang, Tongtong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
                                                                                                        42.2%;
ilarity 42.9%;
Conservative 2
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Bangur, Chaitanya
Lodes, Michael A.
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Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                                 400 DMACNEMGDEWEVD 413
                                                                                                                                                                                       1 DWVCNLFKNOWFCD 14
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           ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-614-124B-336
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TYPE: PRT
CRGANISM: Homo sapiens
US-09-671-325-336
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                                                                             Query Match
Best Local Similarity
'rnc 6; Conserv?
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US-09-589-184-336
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APPLICANT:
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APPLICANT:
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APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Wang, Aljun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
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APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedevick, Tom
APPLICANT: Vedevick, Tom
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
CURRENT APPLICATION NUMBER: USO/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
LENGTH: 480
                                                                                                          42.2%; Score 43; DB 4; Length 480;
42.9%; Pred. No. 1.3e+02;
tive 2; Mismatches 6; Indels
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Pred. No. 1.3e+02;
2; Mismatches 6; Indels
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Patent No. 6630574
                                                                                                                                                                                                                                                                                                                                         Sequence 336, Application US/09736457
Patent No. 6509448
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Catter, Darrick
APPLICANT: Retter, Marc
                                                                                                                                                                                                                                                                                                                                                                                                          Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                         400 DMACNFMGDEWFVD 413
                                                                                                                                                                                          1 DWVCNLFKNQWFCD 14
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Vedvick, Tom
Carter, Darrick
Retter, Marc
                                                                                                   Query Match
Best Local Similarity 42.9
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 DWVCNLFKNQWFCD 14
                 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-702-705-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                               RESULT 10
US-09-736-457-336
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US-09-614-124B-336
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LENGTH: 480
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                    94304
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-128-395-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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                             Score 43; DB 4; Length 480;
Pred. No. 1.3e+02;
2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                   APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL RNA EDITING ENZYME
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: DOSS SOFTWARE: FastEBG for Windows Version 2.0 SOFTWARE: FastEBG for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/816,241
FILING DATE: Filed Herewith CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                          Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     50 WKTGVFRNOVDSETHCHAERCFLSWFCD 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0239 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 15
US-09-128-395-1
; Sequence 1, Application US/09128395
; Patent No. 6087108
; GENERAL INFORMATION:
APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
                                                                                                                                                                                                         RESULT 14
US-08-816-241-1
'Sequence 1, Application US/08816241
', Patent No. 5804185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 190 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Incyte Pharmace
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP. 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                               Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                              400 DMACNEMGDEWEVD 413
                                                                                                           1 DWVCNLFKNQWFCD 14
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Best Local Similarity
Matches 8; Conserv
                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
US-09-589-184-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; CLONE: US-08-816-241-1
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Gaps

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                                                                                                                                                                                       COMPUTER READALLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,395
FILING DATE:
CLASSIFCATION NUMBER: 08/816,241
PRIOR APPLICATION NUMBER: 08/816,241
FILING DATE:
APPLICATION NUMBER: 08/816,241
FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REGISTRATION NUMBER: 9F-0239 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAX: 415-845-0555
TELEFAX: 415-845-0556
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
FITLE OF INVENTION: NOVEL RNA EDITING ENZYME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 42.5; DE; Pred. No. 62; 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Search completed: September 8, 2004, 12:58:37 Job time : 12.2 secs
                 NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEB: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ---WFCD 14
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28.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 190 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 28.6
Matches 8; Conservative
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Figure 1, proper 1, proper 1, proper 2, products 1, proper 3, products 1, prober 3, products 1, proper 3, products 1, prober 3, products 1, prober 3, products 3, 
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1298764 seqs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                             OM protein - protein search, using sw model
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1 DWVCEFIKDQWYCDLA 16
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                      Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Title:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

147, App 86, Appl 109, App 76, Appl 80, Appl 65, Appl 75, Appl Sequence 123, App 38, Description Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Seguence Sequence Sequence US-09-825-517A-123 US-09-825-517A-137 US-09-825-517A-137 US-09-825-517A-147 US-09-825-517A-109 US-09-825-517A-65 US-09-825-517A-65 US-09-825-517A-65 US-09-825-517A-65 US-09-825-517A-75 US-09-825-517A-75 US-09-825-517A-144 US-09-825-517A-144 US-09-825-517A-144 US-09-825-517A-144 US-09-825-517A-144 Query Match Length DB Score Result No.

RESULT 2
US-09-825-517A-150
Sequence 150, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:

59, 93, 114, 116, 126,	82, 104, 146, 37, 42,	52, 62, 74,	Sequence 120, App Sequence 121, App Sequence 129, App Sequence 139, App Sequence 148, App Sequence 148, App Sequence 49, App	53, 73, 77, 81, 83,
US-09-825-517A-59 US-09-825-517A-93 US-09-825-517A-114 US-09-825-517A-116 US-09-825-517A-116 US-09-825-517A-126 US-09-825-517A-127	US-09-825- US-09-825- US-09-825- US-09-825- US-09-825- US-09-825-	US-09-825- US-09-825- US-09-825- US-09-825- US-09-825-	1 US-09-825-517A-120 1 US-09-825-517A-121 1 US-09-825-517A-124 1 US-09-825-517A-129 1 US-09-825-517A-139 1 US-09-825-517A-148	US-09-825- US-09-825- US-09-825- US-09-825- US-09-825- US-09-825-
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## ALIGNMENTS

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                                                                                   APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FRASEQ for Windows Version 4.0
SEQ ID NO 123
LIBRITH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
            ; Sequence 123, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 16; Conservative
US-09-825-517A-123
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Gaps

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APPLICANT: Rondon, ISBAC J
APPLICANT: Rondon, ISBAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASUSEQ for Windows Version 4.0
SEQ ID NO 109
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 76.5%; Score 78; DB 11; Length 16; Best Local Similarity 73.3%; Pred. No. 0.0003; Matches 11; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                           Score 80; DB 11; Length 10. Pred. No. 0.00016;
                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: RONGE, 1888C J
APPLICANT: RONGE, RODERT C
TITLE OF INVENTION: BINDING REPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICANTON NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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       PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 147
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 86
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 86, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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78.4%;
Best Local Similarity 73.3%;
Matches 11; Conservative
                                                                                                                                                                               ORGANISM: Artificial Seguence
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ORGANISM: Artificial Sequence
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                 APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTICEN (CEA);
FILE REFERENCE: DXX-016.1 (3411.1005-001)
CURRENT PAPLICATION NUMBER: US/09/825,517A
CURRENT PALING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 150
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 137, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Adner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: US 09/541,345

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 137

LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 16;
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Pred. No. 5.9e-05;
3; Mismatches 1; Indels
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COTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-137
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, ISBAC J
APPLICANT: Ladher: Robert
TITLE OF INVENTION: BINNING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPRENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 73.3%;
Matches 11; Conservative
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ORGANISM: Artificial Sequence
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Best Local Similarity 73.37
Best Local Similarity 73.37
Conservative
APPLICANT: Rondon, Issac J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 3
US-09-825-517A-137
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 65
LENGTH: 16
                                                                                                                                                RESULT 9
US-09-825-517A-65
IS-09-825-517A-65
; Sequence 65, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
  3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
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                                        1 DWVCEFIKDOWYCDL 15
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11; Conservative
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Publication No. US20030203415A1

GENERAL INPORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 75.5%; Score 77; DB 11; Length 16; Best Local Similarity 73.3%; Pred. No. 0.00041; Matches 11; Conservative 2; Mismatches 2; Indels
                                                                                                        Score 78; DB 11; Length 16; Pred. No. 0.0003;
                                                                                                                                                   1; Indels
                      ; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-109
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: RONDON, ISBAC J
APPLICANT: RONDON, ISBAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/841,345
                                                                                                                                                   3; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-76
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 76
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                            Sequence 76, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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  ORGANISM: Artificial Sequence
                                                                                                      Query Match
Best Local Similarity 71.4%;
Matches 10; Conservative
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Best Local Similarity
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Sequence 75, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016-1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILICATION NUMBER: US 99/541,345

PRIOR PILICATION NUMBER: US 99/541,345

PRIOR PILICATION NUMBER: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FEBRESEQ for Windows Version 4.0

SEQ ID NO 75

LENGTH: 16
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74.5%; Score 76; DB 11; Length 16;
Best Local Similarity 66.7%; Pred. No. 0.00056;
Matches 10; Conservative 3; Mismatches 2; Indels
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APPLICANT: ROUGH, ISSAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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Sequence 145, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION UNMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TILLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXZ-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                 73.5%; Score 75; DB 11; Length 16; 71.4%; Pred. No. 0.00078; ive 3; Mismatches 1; Indels
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-145
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 145
LENGTH: 16
                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 71.4;
Matches 10, Conservative
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US-09-825-517A-38
                                                                                                                                                                                                               SEQ ID NO 144
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 48
LENGTH: 16
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US-09-825-5174-78

Sequence 78, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOPTWARE: FasteEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 16;
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56.2%; Pred. No. 0.00078;
tive 4; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-78
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                                             ; Sequence 48, Application US/09825517A; Publication No. US20030203415A1
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ORGANISM: Artificial Sequence
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                                                                                      GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert
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Matches 9; Conservative
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Best Local Similarity
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) NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 38
; LEWCTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-38
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Search completed: September 8, 2004, 14:25:08 Job time: 45.3 secs

1 DWVCBFIKDQWYCDL 15 |||| |:||:||| 1 DWVCNLFKNQWFCDL 15

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Query Match
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Sequence 336, Appli
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                                                                         4 ; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
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(cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-702-705-336
US-09-671-325-336
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US-09-671-325-336
US-09-88-184-336
US-09-38-352-6959
US-09-38-352-6959
US-09-489-039A-8153
US-08-262-037-16
US-08-262-037-95
US-08-262-037-95
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US-09-547-435-4
US-08-867-611-6
US-09-690-359-6
PCT-US92-06965A-11
US-09-820-809-13
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US-08-798-143-2
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PCT-US95-07171-2
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PCT-US95-07171-3
                                                                                                                                                                                                                      389414 segs, 51625971 residues
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                                                                             September 8, 2004, 12:51:54
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Maximum Match 100%
Listing first 45 summaries
                                                    - protein search, using sw model
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1 DWVCEFIKDQWYCDLA 16
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length: 2000000000
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Match Length DB
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No.
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Sequence 10, Appl Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 36, Appl Sequence 36, Appl Sequence 36, Appl Sequence 24, Appl Sequence 17, Appl Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 9, Appli Sequence 9, Appli Sequence 7, Appli Sequence 7, Appli		
28 41 40.2 615 4 US-09-547-435-10 29 41 40.2 645 4 US-09-547-435-26 30 41 40.2 701 3 US-09-547-435-26 31 41 40.2 701 4 US-09-853-055-2 33 41 40.2 711 4 US-09-547-435-28 34 41 40.2 771 4 US-09-547-435-28 35 41 40.2 771 4 US-09-547-435-28 36 41 40.2 778 4 US-09-690-359-36 37 41 40.2 798 4 US-09-690-359-36 38 41 40.2 798 7 US-09-547-4136-30 39 41 40.2 906 5 PCT-US91-09422-17 40 41 40.2 912 4 US-09-817-464-2 41 40.2 912 4 US-09-817-464-2 42 41 40.2 10.2 912 4 US-09-817-464-2 43 41 40.2 10.2 912 4 US-09-817-464-2 44 41 40.2 10.5 6 2 US-08-677-289A-7 45 41 40.2 10.5 6 4 US-08-687-289A-7 45 41 40.2 10.5 6 4 US-09-435-897-7	RESULT 1 US-08-828-488-8 ; Sequence 8, Application US/08828488 ; Patent No. 5925521 ; GENERAL INFORMATION; ; APPLICANT: Handman, Olga ; APPLICANT: Hawkins, Phillip R.	OPERATING SYSTEM: DOS SOFTWARE: FaatSERQ for Windows Version 2.0 CUBRENT APPLICATION DATA: APPLICATION NUMBER: US/08/828,488 FILING DATE: Filed Herewith PRIOR APPLICATION DATA: APPLICATION NUMBER: US/08/828,488 FILING DATE: APPLICATION NUMBER: Bild Herewith NUMBE: Billings, Locy J. NUMBE: Billings, Locy J. REGISTRATION NUMBER: 36,749 REGISTRATION NUMBER: PF-0241 US TELEPHONE: 415-85-0555 TELEPHONE: 415-85-0555 INFORMATION FOR SEQ ID NO: 8: TELEPHONE: 415-85-0555 INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS: LENGTH: 480 amino acids TYPE: SOURCE: INMEDIATE SOURCE: ILBRARY: Genbank CLONE: 190283 US-08-828-488-8

Length 480;

2; DB

Score 46;

45.1%;

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Gaps
                                                                 APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Carter, Marc
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FASLSEQ for Windows Version 3.0
LENGTH: 480
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APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SEQ ID NO 336
LENGTH: 480
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Best Local Similarity 42.9%; Pred. No. 30;
Matches 6; Conservative 3; Mismatches 5; Indels
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Pred. No. 30;
3; Mismatches 5; Indels
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Patent No. 6509448
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Bangur, Chaitanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
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Vedvick, Tom
Carter, Darrick
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Best Local Similarity 42.9
Matches 6; Conservative
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; ORGANISM: Homo sapiens
US-09-702-705-336
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ORGANISM: Homo sapiens
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APPLICANT:
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Pred. No. 30;
                                              Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: DOS
SOFTEM: DOS
SOF
Best Local Similarity 42.9%; Pred. No. 30; Matches 6; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                               Sequence 8, Application US/09299689A, Patent No. 6379913;
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: B
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 42.9%; Pred. No. 30;
Matches 6; Conservative 3; Mismatches
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STREET: 3174 Porter Drive
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ATTORNEY, AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REPERENCE/DOCKET NUMBER: PF-0241 US
TELECOMMUNICATION INFORMATION:
TELEFHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
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400 DMACNFMGDEWFVD 413
                                                                                               1 DWVCEFIKDQWYCD 14
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TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
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CITY: Palo Alto
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STATE: CA
COUNTRY: USA
TD: 94304
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; CLONE: 190283
US-09-299-689A-8
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US-09-299-689A-8
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RESULT 5
US-09-614-124B-336
; Sequence 336, Application US/09614124B
; Patent No. 6630574
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; \*npt.TCANT: Bangur, Chaitanya S. 400 DMACNFMGDEWFVD 413 1 DWVCEFIKDQWYCD 14 ò

RESULT 3
US-09-702-705-336
; Sequence 336, Application US/09702705
; Patent No. 6504010
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.

400 DMACNFMGDEWFVD 413

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Query Match
Best Local Similarity
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US-09-328-352-6959
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           APPLICANT:
APPLICANT:
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APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210.21.47861.2
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000.09-26
NUMBER OF SEQ ID NOS: 1825
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                                                                                     APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: COMPOSITIONS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 336
LENGTH: 480
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42.9%; Pred. No. 30;
tive 3; Mismatches 5; Indels
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SOFTWARE: FastSEQ for Windows Version 3.0
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GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
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Bangur, Chaitanya S.
Lodes, Michael A.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
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DMACNFMGDEWFVD 413
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Vedvick, Tom
Carter, Darrick
Retter, Marc
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                                                                          Retter, Marc
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Best Local Similarity
Matches 6; Conserv
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Best Local Similarity
Matches 6; Conserv
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LENGTH: 480
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APPLICANT:
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APPLICANT:
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Sequence 6599, Application US/09328352
Sequence 6599, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICAMY: 6ary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GT-99-0378
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
LENGTH: 272
LENGTH: 272
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                                                                APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C8
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT FILING DATE: 2000-06-05
NUMBER OF SEQ ID NOS: 827
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                          45.1%; Score 46; DB 4; Length 480; 42.9%; Pred. No. 30;
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Pred. No. 24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           3; Mismatches
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Patent No. 6610836
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Acinetobacter baumannii
US-09-328-352-6959
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ORGANISM: Klebsiella pneumoniae
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50.0%;
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Best Local Similarity 50..
6; Conservative
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Vedvick, Tom
Carter, Darrick
Retter, Marc
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US-09-589-184-336
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FILING DATE: 24-June-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 11-Mar-1991
APPLICATION NUMBER: 07/651,735
FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/558,799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
                              ADDRESSEE:
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Matches
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APPLICANT: Woon W
TITLE OF INVENTION: Cellular Nucleic Acid Binding Protein
TITLE OF INVENTION: Treatment of AIDS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6. Application US/07894063A
Patent No. 5980899
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: BERZOFSKY, Jay A.
APPLICANT: SHTRAI, Mutsunori
APPLICANT: FELINSTONE, Stephen M.
TITLE OF INVENTION: PEPTIDE FOR STIMULATION OF CYTOTOXIC T
TITLE OF INVENTION: LYMPHOCYTES SPECIFIC FOR HEPATITIS C VIRUS IN A MAMMAL NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
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                       43.1%; Score 44; DB 4; Length 380;
53.8%; Pred. No. 47;
tive 1; Mismatches 5; Indels
                                                               Indelg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: TX
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,677
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MAYÍELG, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:401
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-789-2679
"""FFAX: 713-789-2679
"""FFAX: 713-789-2679
                                                                                                                                                                                   RESULT 10
US-08-242-677-2
Sequence 2, Application US/08242677
Patent No. 5677143
GENERAL INFORMATION:
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                                                                                              3 VCEFIKDQWYCDL 15
                                                                                                                                 8 LCYFINSDWYFDL 20
                                                           Conservative
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Best Local Similarity 54.5
Matches 6; Conservative
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| 885 VAQYIHDQWVC 895
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Ouery Match
Best Local Similarity
7; Conserve
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US-07-894-063A-6
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Sequence 16, Application US/08262037
Patent No. 5747239
GENERAL INFORMATION:
TITLE OF INVENTION: SYNTHETIC PEPTIDES SPECIFIC FOR
TITLE OF INVENTION: THE DETECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF HCV
TITLE OF INVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES
TITLE OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; Indels
                                                               STATE: ...
COUNTRY: USA
ZIP: 22313-0299
COMPUTER: EADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/894,063A
FILING DATE: 19920610
CLASSIFICATION: 424
ATTOMEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REGISTRATION NUMBER: 29,768
REGISTRATION NUMBER: 29,768
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: ...
TAING 386-9300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      40.2%; Score 41; DB 2 55.6%; Pred. No. 6.4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
                    Diagonal Road, Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/262,037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/719,819
Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 899149
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 amino acids TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity 55.6
nes 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 424
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DWICEVLSD 10
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                    STREET: 1800 Diac
CITY: Alexandria
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Sequence 96, Application US/08262037

Patent No. 5747239

Patent No. 5747230

Patent No. 5747230

Patent No. 5747230

Patent No. 5747230

APPLICANT: Chang Yi Wang and Barbara Hosein

APPLICANT: Chang Yi Wang and Barbara Hosein

TITLE OF INVENTION: SYNTHERIC PEPTIDES SPECIFIC FOR

TITLE OF INVENTION: THE DETECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF HCV

TITLE OF INVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES

NUMBER OF SEQUENCES: 136

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        40.2%; Score 41; DB 1; Length 47; 55.6%; Pred. No. 15; 2; Indels tive 2; Mismatches 2; Indels
                                                                                                                                                                           DB 1; Length 38;
12;
                                                                                                                                                                                                                                 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1151-4043 US3
                                                                                                                                                                                   Score 41;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/262,037
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/719,819
FILING DATE: 24-June-1991
RAPLICATION NUMBER: 07/667,275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION UNBER: 07/67,275
FILING DATE: 11-Mar-1931
APPLICATION NUMBER: 07/67,275
FILING DATE: 11-Mar-1931
APPLICATION NUMBER: 07/51,35
FILING DATE: 07-Peb-1931
APPLICATION NUMBER: 07/510,153
FILING DATE: 26-M1Y-1930
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
ATTORNEY/AGENT INFORMATION:
RABELSTATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151-404
TELEPHONE: 212-758-4800
TELEFRAX: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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Best Local Similarity >>...
Best Local Similarity >>...
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Best Local Similarity 55.6'
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          47 amino acids
                                         i: 38 amino acids
Amino acid
                     SEQUENCE CHARACTERISTICS LENGTH: 38 amino acid
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 345 PARK AVE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                          1 DWVCEFIKD 9
                                                                                                                 Unknown
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                                                                   TYPE: Amino STRANDEDNESS
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TOPOLOGY:
US-08-262-037-95
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US-08-262-037-96
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Sequence 95, Application US/08262037
Sequence 95, Application US/08262037
GENERAL INFORMATION:
APPLICANT: Chang Yi Wang and Barbara Hosein
TITLE OF INVENTION: SYNTHETIC PEPTIDES SPECIFIC FOR
TITLE OF INVENTION: INFECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF HCV
TITLE OF INVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
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40.2%; Score 41; DB 1; Length 30;
Best Local Similarity 55.6%; Pred. No. 9.7;
Matches 5; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Maria C. H. Lin
REGISTATION VUNBER: 29,323
REPERENCE/DOCKET NUMBER: 1151-4043 US3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/262,037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/719,819
FILING DATE: 24-June-1991
APPLICATION NUMBER: 07/651,735
FILING DATE: 11-MAR-1991
APPLICATION NUMBER: 07/551,735
FILING DATE: 07-F6b-1991
APPLICATION NUMBER: 07/558,799
FILING DATE: 26-July-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-APRI-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-APRI-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-APRI-1990
  FILING DATE: 26-July-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
ATTONNEY, AGENT INFORMATION:
NAME: MARIE: A. Lin
REGISTRATION NUMBER: 29,323
                                                                                                                                                                                     TELEPHONE: 212-758-4800
TELERA: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
TYPE: Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS
                                                                                                                                       REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: NEW YORK
COUNTY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      9 DWICEVLSD 17
                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: Unknown
US-08-262-037-16
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40.2%; Score 41; DB 3; Length 106;
Best Local Similarity 55.6%; Pred. No. 36;
Matches 5; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                         JOS-06-444-81B-24

JOS-06-444-81B-24

JOS-06-444-81B-24

JOS-06-50087

GENERAL INFORMATION:

APPLICANT: Chian Joavid Y.

APPLICANT: Chian Joavid Y.

APPLICANT: Rutter, William J.

TITLE OF INVENTION: NANBY Diagnostics and Vaccines
NUMBER OF SEQUENCES: 77

CORRESPONDENCE ADDRESS:

ADDRESSE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: CA

COUNTRY: Bmeryville
STATE: CA

CONFUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFERATING SYSTEM: PC.DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CONFUTER: Patentin Release #1.0,
CONFUTER: Patentin Release #1.0,
MEDIUM TYPE: Patentin Release #1.0,
CONFUTER: Patentin Release #1.0,
CONFUTERIES PATENTIN RELEASE #1.0,
CONFUTER: Patentin Release #1.0,
CONFUTERIES PATENTIN RELEASE #1.0,
CONFUTER: Patentin Release #1.0,
CONFUTER: Patentin Release #1.0,

1 DWVCEFIKD 9
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26 DWICEVLSD 34
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67 DWICEVLSD 75
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US-08-444-818-24
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Search completed: September 8, 2004, 12:58:37 Job time : 13.2 secs

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113.793 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Published Applications AA:*

| cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT NRW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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13: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US106_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                          using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BLOSUM62
Gapop 10.0 , Gapext 0.5
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1 DWVCEWLKMQWACNIL 16
                                                                                                                                                                                                                                                                                                                                              US-09-825-517A-122
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                              Title:
Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 112, App Sequence 122, App Sequence 140, App 125, App 142, App 134, App 134, App 143, App 149, App 151, App 101, App 126, App 146, App Sequence 122, Sequence 140, Sequence 125, Sequence 142, Sequence 1 Sequence 1 Sequence 1 Description Sequence Sequence Sequence Sequence Sequence Sequence Sequence US-09-825-517A-112 US-09-825-517A-122 US-09-825-517A-142 US-09-825-517A-142 US-09-825-517A-143 US-09-825-517A-143 US-09-825-517A-143 US-09-825-517A-141 US-09-825-517A-141 US-09-825-517A-151 US-09-825-517A-151 US-09-825-517A-151 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 US-09-825-517A-126 SUMMARIES Query Match Length DB 97.1 97.1 Score 103 103 103 100 100 100 92 92 92 888 85 Result No.

App	App	App	Appl	, App	Appl	App	App	App1	Appl	App	App	App	App	Appl	Appl	Appl	Appl	App	App	App	App	Appl	Appl	App	App	Appl	App	App	Appl
148,	130,	4	68,	~		139,	r		16,	4		ທ				82,		103,	in	106,	$\sim$	65,		~			100,	ωÌ	88,
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Seguence	Seguence	Sequence	Sequence	Sequence	Seguence	Sequence
US-09-825-517A-148	-82	US-09-825-517A-144	5-5	5-5	-09-825-5	US-09-825-517A-139	-09-825-	-09-825-	US-09-825-517A-76	-09-825-5	'n	US-09-825-517A-135	US-09-825-517A-137	US-09-825-517A-59	US-09-825-517A-67	1	US-09-825-517A-90	US-09-825-517A-103	US-09-825-517A-105	US-09-825-517A-106	US-09-825-517A-127	US-09-825-517A-65	-09-82	US-09-825-517A-113	09-825-5	US-09-825-517A-72	-5	-09-825-5	US-09-825-517A-88
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	9T	16	16	16	16	16	16	16	16
82.5	81.6	81.6	76.7	76.7	75.7	75.7	75.7	74.8	74.8	74.8	74.8	74.8	74.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8					٠.		70.9		6.69
85	84	84	79	79	78	78	78	77	77	77	77	77	77	16	16	9/	16	16	16	16	16	75	75	75	75	73	73	73	72
16	17	18	19	20	21	22	23		25		27	28	29	30	31	32	33	34	35	36	3.7	38	39	40	41	42	43	44	45

## ALIGNMENTS

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Gaps
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         Sequence 112. Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXx-016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 103; DB 11;
100.0%; Pred. No. 3.9e-07;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-825-517A-122
; Sequence 122, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DWVCEWLKMQWACNIL 16
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Best Local Similarity 100.
Matches 16; Conservative
US-09-825-517A-112
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US-09-825-517A-142
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LENGTH: 16
TYPE: PRT
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                   APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DAY-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 122
LENGTH: 16
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPRENCE: DYX-016.1 (3421.1005-001)

CURRENT PELLING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 140

LENGTH: 16
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Sequence 125, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladher, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016-1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 103; DB 11; 100.0%; Pred. No. 3.9e-07;
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Best Local Similarity 100.0%; Pred. No. 3.9e-07;
Matches 16; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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GENERAL INFORMATION:
RAPLICANT: Rondon, Issac J
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                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100...
APPLICANT: Rondon, Issac J
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                                                                                                                                                                                                                                                                                                                                                             FEATURE
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Publication No. US20030203415A1
GENERAL INFORMATION:
TGENERAL INFORMATION:
TILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TILE OF INVENTION: BINDING (CEA)
TILE OF INVENTION: ANTIGEN (CEA)
TILE OF INVENTION: ANTIGEN (CEA)
CURRENT FILING DATE: 2003-03-24
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PASLSEQ for Windows Version 4.0
LENGTH: 16
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; APPLICANT: Rondon, Issac J
; APPLICANT: Rondon, Issac J
: TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: ANTIGEN (CEA); FILE REFREENCE: DYX.016.1 (3421.1005-001); CURRENT FILING DATE: 2003-03-24; PRIOR APPLICATION NUMBER: US/09/825,517A; PRIOR APPLICATION NUMBER: US 09/541,345; PRIOR FILING DATE: 2000-04-03; NUMBER OF SEQ ID NOS: 151
                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-125
                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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                                                                                                                                                                                                                                                                                                                                                              Query Match 99.0%; Score 102; DB 11; Best Local Similarity 93.8%; Pred. No. 5.3e-07; Matches 15; Conservative 1; Mismatches 0;
                                                        NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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ORGANISM: Artificial Sequence
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RESULT 9
US-09-825-517A-49
is Sequence 49, Application US/09825517A
is Publication Wo. US20030203415A1
is GENERAL INFORMATION:
is APPLICANT: Rondon, Issac J
itTLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
itTLE OF INVENTION: ANTIGEN (CEA)
if PILE REFERENCE: DYX-016.1 (3421.1005-001)
ic CURRENT APPLICATION NUMBER: US/09/825,517A
is PRIOR APPLICATION NUMBER: US 09/541,345
is PRIOR FILING DATE: 2000-04-03
is NUMBER OF SEQ ID NOS: 151
is SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 151
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 141
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     89.3%; Score 92; DB 11; Length 16; 87.5%; Pred. No. 1.1e-05; tive 2; Mismatches 0; Indels
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89.3%; Score 92; DB 11; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.1e-05;
Matches 14; Conservative 0; Mismatches 2; Indels
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Indels
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Mismatches
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ORGANISM: Artificial Sequence
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                                                                      1 DWVCEWLKMQWACNML 16
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                                          1 DWVCEWLKMQWACNIL
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  15; Conservative
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US-09-825-517A-141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 49
LENGTH: 16
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    Matches
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Sequence 143, Application US/09825517A

Bublication No. US203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner: Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US/09/825,517A

PRIOR APPLICATION NUMBER: US/09/825,517A

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 143

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Ladner, Robert C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR PILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER: OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 138
LENGTH: 16
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                                                                                                                  Length 16;
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                                                                                                                                                               Indels
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                                                                                                           Query Match
97.1%; Score 100; DB 11;
Best Local Similarity 93.8%; Pred. No. 9.9e-07;
Matches 15; Conservative 1; Mismatches 0;
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Pred. No. 9.9e-07;
                                              ) OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-54
                                                                                                                                                                                                                                                                                                                                                             Sequence 138, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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93.8%;
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                      1 DWVCEWLKMOWACNML 16
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    ORGANISM: Artificial Sequence
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Best Local Similarity
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                                                                      APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 151
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; GENERAL ARRECTORS.
; APPLICANT: Rondon, ISSAC J
; APPLICANT: Rondon, ISSAC J
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINGEMERYONIC
; TITLE OF INVENTION: ANTIGEN (CRA);
; FILE REFERENCE: DYX-ole.1 (3421.1005-001)
; CURRENT FILING DATE: 2003-03-24
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FASTESEQ for Windows Version 4.0
; SEQ ID NO : 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ch
    86.4%; Score 89; DB 11; Length 16;
l Similarity 81.2%; Pred. No. 2.8e-05;
13; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   89.3%; Score 92; DB 11; Length 16
87.5%; Pred. No. 1.1e-05;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-101
               Sequence 151, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 101, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-825-517A-126
; Sequence 126, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 87.5.
...hes 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
US-09-825-517A-151
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US-09-825-517A-101
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Gaps
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINIDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PAPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASLSEQ for Windows Version 4.0
SEQ ID NO 115
LENGTH: 16
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DXx-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

85.4%; Score 88; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.9e-05;
Matches 13; Conservative 1; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:

OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PEPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 115, Application US/09825517A; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWVCEWLKMQWACNIL 16
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ORGANISM: Artificial Sequence
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US-09-825-517A-146
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 146
: LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-146
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Query Match 82.5%; Score 85; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 9.7e-05; Matches 13; Conservative 0; Mismatches 3; Indels Qy 1 DWVCEWLKMQWACNIL 16

Db 1 DWVCEWLKSQWFCNSL 16

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0; Gaps

Search completed: September 8, 2004, 14:25:07 Job time: 44.3 secs

us-09-825-517a-122.rai

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Sequence 4, Appli
Sequence 566, Appli
Sequence 5666, Appli
Sequence 4, Appli
Sequence 7, Appli
Sequence 7155, Appli
Sequence 27, Appli
Sequence 27, Appli
Sequence 27, Appli
Sequence 4, Appli
Sequence 27, Appli
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21369, A
32166, A
25095, A
10, Appl
10, Appl
6, Appli
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                                                                                 8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Description
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(cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
// cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
// cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
// cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
// cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
// cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
// cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
// cgn2_6/ptodata/2/iaa/backfiles1.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-360-673-4
US-09-611-976-7155
US-09-943-714-9
US-09-489-039A-12688
US-09-337-2277-27
US-09-723-2274-4
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US-09-252-991A-21166
US-09-252-991A-25095
US-08-843-417-10
US-09-527-013-10
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US-09-764-246-4
US-09-621-976-5666
US-09-5252-991A-28552
US-09-640-305-4
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US-08-288-508C-2
US-08-981-490B-1
US-09-497-491-47
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US-08-262-037-16
US-08-262-037-95
US-08-262-037-95
US-08-444-818-28
US-08-444-818-28
                                                                                                                                                                                                                                                                      Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                        OM protein - protein search, using sw model
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                                                                                                                                           US-09-825-517A-122
103
1 DWVCEWLKMQWACNIL 16
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Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
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                                                                                                                                                                                                                                                                                    Sequence 4, Application US/09061768A
Patent No. 6204037
GENERAL INFORMATION:
APPLICANT: BRASH, ALAN R.
APPLICANT: BOEGLIN, WILLIAM E.
APPLICANT: JISAKA, MISSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDERS ALLES A. TAYLOR, JR.
STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          44.7%; Score 46; DB 3; Length 677; 40.0%; Pred. No. 46; tive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READBLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IEM PC/XT/AT comparable OPERATING SYSTEM: Windows 3.1

SOFTWARE: WORD PERFECT 6.1 and ASCII CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/061,768A
FILING DATE: APRIL 16, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA: NONE APPLICATION NUMBER: US/09/061,768A

FILING DATE: APPLICATION NUMBER: 1878
FILING DATE: ATYLOR 1878
REFERENCE/DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
merrenewer 1242/5
TELECOMMUNICATION INFORMATION:
merrenewer 1242/5
TELECOMMUNICATION INFORMATION:
US-08-850-328-4

US-08-867-611-6

US-09-690-339-6

PCT-US92-06965A-11

US-08-867-611-36

US-09-690-359-36

US-09-444-818-30

US-08-444-818-54

US-08-444-818-66

US-08-444-818-66

US-08-444-818-69

US-08-444-818-89

US-08-466-975A-23

US-08-38-39-33

US-08-367-902A-23

US-08-367-902A-23
                                                                                                                                                                                    US-09-941-611-23
US-08-443-260-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 677 amino acid
TYPE: amino acid
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TELEX:
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                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: DURHAM
STATE: NORTH CAROLINA
COUNTRY: USA
ZIP: 27707
  single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 4; Conserval
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US-09-061-768A-4
  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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2 WVCEWLKMQW 11

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43.7%;
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ZIP: 19002
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                     1 DWVCEWLKMQWAC 13
                                                                                                                                                                                                                                                                                      54 DWNCVWEPHHWLC 66
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                                                                                                                                                                                                                6; Conservative
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                                         TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                          Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: PA
                                                                          ; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -24..-1
US-09-621-976-5666
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   SEQ ID NO 5666
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US-09-640-305-4
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                                                                                                            Sequence 4, Application US/09764246
Patent No. 6649355
GENERAL INFORMATION:
APPLICANT: BRASH, ALAN R.
BORGLIN, WILLIAM E.
JISAKA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS: 37
ADDRESSE: RALES A. TAYLOR, UR.
STREET: SUITE 1400, UNIVERSITY TOWER BOULEVARD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ó:
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40.0%; Pred. No. 46;
tive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM: Windows 3.1 SOFTWARE: WORD PERFECT 6.1 and ASCII CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/764,246 FILING DATE: 17-Jan-2001 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 566, Application US/09621976
Fatent No. 6639063
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: JODERT, S.
FILE REPRENCE: GENERT. S.
FILE REPRENCE: GENERT. 05.74.
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: PATENT.PM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: ARLES A. TAXLOR, JR.
REGISTRATION NUMBER: 39,395
REFERENCE/DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
TELEFAX: (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: unknown SEQUENCE DESCRIPTION: SEQ ID NO: 4: US-09-764-246-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: «Unknown»
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                        CITY: DURHAM
STATE: NORTH CAROLINA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                           ZIP: 27707
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best_Local Similarity 40.0
Matches 4; Conservative
88 WFCRWFELEW 97
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88 WFCRWFELEW 97
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US-09-621-976-5666
                                                                                              US-09-764-246-4
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS,
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS,
TITLE OF INVENTION: AEROGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NOS: 33142
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Yeb, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
PREPARATION AND USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 45; DB 4; Length 1129;
Pred. No. 1.1e+02;
0; Mismatches 6; Indels
Score 45; DB 4; Length 71;
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                           Pred. No. 5.9;
0; Mismatches
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                                                                                                                                                                                                                                                      US-09-252-991A-28552
; Sequence 28552, Application US/09252991A
; Patent No. 6551795
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Gaps

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No. 61875780 No. 6187578disk of No. 6187578th America, Inc.
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APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
APPLICANT: Rey, Michael
APPLICANT: Roltz, Alan
APPLICANT: Mathiseh, Thomas Erik
APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF INVENTION: Encoding Same
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                             43.2%; Score 44.5; DB 1; Length 491; 33.3%; Pred. No. 55;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         42.7%; Score 44; DB 4; Length 89;
45.5%; Pred. No. 11;
                                                                                                                                                                                                                                           3; Indels
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Sequence 7155, Application US/09621976

Patent No. 663963

GENERAL INFORMATION:

APPLICANT: Dumas Milne Edwards, J.B.

APPLICANT: Glordano, J.Y.

TITLE OF INVENTION: ESTS and Encoded Human Proteins.

FILE REFERENCE: GENSET. 054PR2

CURRENT APPLICATION NUMBER: US/09/621,976

CURRENT FILING DATE: 2000-07-21

NUMBER OF SEQ ID NOS: 19335

SEQ ID NO 7155

FILE REPERTENCE OF SEQ ID NOS: 19335
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 491 amino acids
TYPE: amino acids
                                                                                                                                                                                                Query Match
Best Local Similarity 33.33
Matches 7; Conservative
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                                                                                                         TOPOLOGY: linear MOLECULE TYPE: protein
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Best Local Similarity
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                                                                                                                                                         US-08-360-673-4
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STATE:
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Sequence 4, 4

Patent No. 5679544

GENERAL INFORMATION:
APPLICANT: Fleer, Reinhard
APPLICANT: Fournier, Alain
APPLICANT: Fournier, Alain
APPLICANT: Fournier, Montried Montries of Invention:
TITLE OF INVENTION: PREPARATION AND USE
NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       43.2%; Score 44.5; DB 1; Length 491; 33.3%; Pred. No. 55; tive 4; Mismatches 3; Indels 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                      PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PAPLICATION NUMBER: US/08/360,673
FILING DATE: 06-FEB-1995
APPLICATION NUMBER: WO PCT/FR93/00623
FILING DATE: 23-JUN-1993
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-JUN-1993
                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: SMICH, JULIE K.
REGISTRATION UMBER: 38,619
REFERENCE/DOCKET NUMBER: ST92040-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: W0 PCT/FR93/00623
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: 3792040-US
TELEORMUNICATION:
TELEORMUNICATION:
TELEORMUNICATION:
    APPLICATION NUMBER: US/09/640,305
                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (610)454-3839
TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 491 amino acids
TYPE: amino acids
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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Matches 7; Conserv
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US-08-360-673-4
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GENERAL INFORMATION:

APPLICANT: Chen, Yvonne May-Yee

APPLICANT: Cochran, Andrea G.

APPLICANT: Lowman, Henry B.

APPLICANT: Robinson, Iain C.A.F.

APPLICANT: Skelton, Nicholas J.

TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2C1.2Rev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ó
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5; Indels
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Patent No. 577632

GENERAL INFORMATION:
APPLICANT: Au-Young, Janice
APPLICANT: Hawkins, Phillip R.
APPLICANT: Murray, Lynn E.
APPLICANT: Murray, Lynn E.
APPLICANT: Murray, Lynn E.
APPLICANT: Murray, Lynn E.
CORRESPONDENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       40.8%; Score 42; DB 4; 50.0%; Pred. No. 4.5;
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                                                                                                                                                                                                                                                                                                             ; FEATURE:
; OTHER INFORMATION: Sequence is synthesized
Teatent No. 6420518
US-09-337-227C-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Sequence is synthesized
; Patent No. 6608028
US-09-723-251A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: US 09/337,227
PRIOR PILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 08/825,852
PRIOR APPLICATION NUMBER: US 08/825,852
SRO ID NO 27
   CURRENT FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: US 08/825,852
PRIOR APPLICATION NUMBER: US 08/825,852
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LEMETR OF SEQ ID NOS: 51
TYPE: PRI
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 42;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-723-251A-27; Sequence 27, Application US/09723251A; Patent No. 6608028
                                                                                                                                                                                                                                                                                                                                                                                                                                                               40.8%;
50.0%;
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Matches 6; Conserv
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Best Local Similarity
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US-08-689-974-4
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Patent No. 6610836, Application US/09489039A
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE
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APPLICANT: Lowman, Henry B.
APPLICANT: Rebinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 3; Length 423;
56:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 43; DB 4; Length 428;
Pred. No. 79;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Indels
FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           42.7%; Score 44; 71.4%; Pred. No.
                                                                                                                                                                                                                                              4990.200-US
                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,714
FILING DATE: 03-0CT-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 27, Application US/09337227C Patent No. 6420518 GENERAL INFORMATION:
                                                                                                                                        ATTORNEY/AGENT INPORMATION:
NAME: Lambiris, Elias J
RECISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4990
TELECOMMUNICATION INPORMATION:
TELEPHONE: 212-867-0123
TELEPHONE: 212-879-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Chen, Yvonne May-Yee APPLICANT: Clark, Ross G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              41.7%;
53.8%;
                                                                                                                                                                                                                                                                                                                                                                                   INPORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 423 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    110 NWIFEWAKEAMOW 122
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Best Local Similarity 53.8'
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5; Conservative
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Best Local Similarity
Matches 5, Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 DWVCEWL 7
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US-09-337-227C-27
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APPLICANT: Au-Young, Janice
APPLICANT: Hawkins, Phillip R.
APPLICANT: Murray, Lynn B.
TITLE OF INVENTION: NOVEL HUMAN INDUCED TUMOR PROTEIN
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 42; DB 1;
Pred. No. 1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2; Mismatches
ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
                                                                                                                                                                              OPERATING SYSTEM: DOS
SOFTWARE: RastesEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,974
FILING DATE: Filed Herewith
ATTONENY AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 9F-0113 US
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION SEQ 15 0555
INFORMATION FOR SEQ 1D NO: 4:
SEQUIENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/689,974
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bilings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: DOS
CUPURARE: FRSESEQ Version 1.5
CUBRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/058,376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-058-376-4; Sequence 4, Application US/09058376; Patent No. 6080841
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Best Local Similarity 41.2%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                             COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 393 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                               Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : GenBank
459890
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                                                                                   COUNTRY:
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Gaps
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Pred. No. 1e+02;
2; Mismatches 6; Indels
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Sequence 2. Application US/08288508C
Statent No. 5994094
GENERAL INFORMATION:
APPLICANT: H tten, Gertrud
APPLICANT: Neidhardt, Helge
APPLICANT: Neidhardt, Helge
APPLICANT: Paulista, Michael
TITLE OF INVENTION: THE TGF- FAMILY
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3: Nikaido, Marmelstein, Murray & Oram LLP
655 Fifteenth Street N.W. Suite 330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/288,508C
FILING DATE: US/08/288,508C
FILING DATE: US/08/288,508C
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION NUMBER: DF 94 26 829.3
PRIOR APPLICATION NUMBER: DF 94 18 222.8
PRIOR APPLICATION NUMBER: DE 94 18 222.8
PRIOR APPLICATION NUMBER: DE 94 18 222.8
PRIOR APPLICATION NUMBER: DF 94 10 157.5
FILING DATE: 09-JUN-1994
ATTONINY/AGRAT INFORMATION:
REFERENCE/DOCKET NUMBER: PF-0113 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: JAHNS, Kristina M.
REGISTRATION NUMBER: P-41,092
REFERENCE/DOCKET NUMBER: P564-4019
TELECOMMUNICATION:
TELEPHONE: (202)638-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEPAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 393 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   360 WLAVWFKMGSSWLCLLL 376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 WVCEWLKM--QWACNIL 16
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Best Local Similarity 41.2%;
Matches 7; Conservative
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INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
LENGTH: 501 amino acids
TYPE: amino acid
                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                 7: GenBank
459890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 14
US-08-288-508C-2
                                                                                                                                                                                                                                                                                                   LIBRARY:
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US-09-058-376-4
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RESULT 15

US-08-981-490B-1

Squence 1. Application US/08981490B

Patent No. 6531450

GENERAL INFORMATION:

APPLICANT: Hother, Gertrud

APPLICANT: Bechtold, Rolf

APPLICANT: Paulista, Michael

APPLICANT: DISCORDER OF MPS2 OR MP121 FOR TREATING AND PREVENTING DISEASES OF THE

TITLE OF INVENTION: USE OF MPS2 OR MP121 FOR TREATING AND PREVENTING DISEASES OF THE

TITLE OF INVENTION: USE OF MPS2 OR MP1490B

CURRENT APPLICATION NUMBER: US/08/981,490B

CURRENT APPLICATION NUMBER: DF/192 25 416.3

PRIOR FILING DATE: 1996-07-12

PRIOR FILING DATE: 1995-07-12

NUMBER OF SEQ ID NOS: 7

SEQ ID NO 1

LENGTH: 501

TYPE: PRT

CREATING DATE: 1995-07-12

SEQ ID NO 1

LENGTH: 501

TYPE: PRT

CREATING DATE: 1995-07-12

SEQ ID NO 1

LENGTH: 501

TYPE: PRT

CREATING SAPILED

CREATING DATE: 1995-07-12

SEQ ID NO 1

LENGTH: 501

TYPE: PRT

CREATING DATE: 1995-07-12

SEQ ID NO 1

LENGTH: 501

TYPE: PRT

CREATING DATE: 1995-07-12

SEQ ID NO 1

LENGTH: 501

TYPE: PRT

CREATING DATE: 1905-07-12

SEQ ID NO 1

LENGTH: 501

TYPE: PRT

CREATING DATE: 1905-07-12
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40.8%; Score 42; DB 4; Length 501;
Best Local Similarity 33.3%; Pred. No. 1.3e+02;
Matches 5; Conservative 4; Mismatches 6; Indels
                                                                                              Length 501;
                                                                                                                                                       6; Indels
                                                                                        Query Match
40.8%; Score 42; DB 2; I
Best Local Similarity 33.3%; Pred. No. 1.3e+02;
Matches 5; Conservative 4; Mismatches 6;
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Job time : 13.2 secs
                                                                                                                                                                                                             2 WVCEWLKMQWACNIL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 WVCEWLKMOWACNIL 16
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12 WYLAWLDLEFICTVL 26
// MOLECULE TYPE: protein
US-08-288-508C-2
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September 8, 2004, 12:53:30 ; Search time 44.3 Seconds (without alignments) 113.793 Million cell updates/sec
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2: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1298764 seqs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                          OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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103
1 DWICNLFKNQWFCDIR 16
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Maximum DB seq length: 200000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 45, Appl Sequence 121, App	Sequence 62, Appl Sequence 42, Appl	52,	Sequence 58, Appl Sequence 74, Appl	120,	124,	sequence 129, App Seguence 38, Appl	48	Sequence 132, App	Sequence 145, App	Sequence 39, Appl
SUMMARIES	US-09-825-517A-45 US-09-825-517A-121	US-09-825-517A-62 US-09-825-517A-42	US-09-825-517A-52	US-09-825-517A-58 US-09-825-517A-74	US-09-825-517A-120	US-09-825-517A-124	US-09-825-51/A-129 US-09-825-517A-38	US-09-825-517A-48	US-09-825-517A-132	US-09-825-517A-145	US-09-825-517A-39
DB	[ = = :	11	11	11	11	Ξ:	11	11	11	11	11
% Query Match Length DB	16	16 16	16	16 16	16	16	16	16	16	16	16
% Query Match	100.0	94. 93.2	93.2	93.2 93.2	93.2	93.2	92.2	92.2	92.2	92.2	91.3
Score	103	96	96	9 A	96	96	9 6	95	95	95	94
Result No.	H 70 f	w 44	ıs v	7 0	æ (	ש כ	11	12	13	14	15

Sequence 46, Appl	47,	57,	131,	Sequence 134, App	37, 7	41,	ß	73,	Sequence 77, Appl	81,	83,	136,	69	84,	43,	Sequence 50, Appl	98	119,	128,	64	40,	71,	108	61,	,99	79,	Sequence 89, Appl	92,	Sequence 99, Appl
-82	-09-825-	US-09-825-517A-57	-825-	US-09-825-517A-134	US-09-825-517A-37	-82	US-09-825-517A-53	US-09-825-517A-73	US-09-825-517A-77	US-09-825-517A-81	-60-	US-09-825-517A-136	US-09-825-517A-69	US-09-825-517A-84	-09-825-5	US-09-825-517A-50	- 1	US-09-825-517A-119	-60-	-60-	US-09-825-517A-40	US-09-825-517A-71	US-09-825-517A-108	US-09-825-517A-61	US-09-825-517A-66	09-82	US-09-825-517A-89	US-09-825-517A-92	US-09-825-517A-99
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
91.3	91.3	91.3	91.3	91.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	89.3	89.3	88.3	88.3	88.3	88.3	88.3	87.4	86.4	86.4	86.4	85.4	85.4	85.4	85.4	85.4	85.4
94	94	94	94	94	93	93	93	93	93	93	93	93	92	92	91	91	91	91	91	06	89	68	83	88	88	88	88	88	88
16	17	18	19	20	21	22		24	25	26	27	28	29	30	31	32	33	34		36	37	38	39	40	41	42	43	44	45

US-09-825-517A-45

Sequence 45, Application US/09825517A

Sequence 45, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEFTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEFTIDES
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 45

LENGTH: 16

TYBE: PRT

ORGANISM: Artificial Sequence
FRAURE:
CTHER INFORMATION: CEA binding polypeptide

ALIGNMENTS

Query Match 100.0%; Score 103; DB 11; Length 16; Best Local Similarity 100.0%; Pred. No. 8.9e-08; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps

US-09-825-517A-45

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RESULT 2
US-09-825-517A-121
; Sequence 121, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:

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LENGIH: 16
                                                                                                                                                  TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 16;
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
FRICR APPLICATION NUMBER: US 09/541,345
FRICR APPLICATION NUMBER: US 08/541,345
FRICR APPLICATION NUMBER: US 08/541,345
FRICR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 121
LENGTH: 16
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APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
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APPLICANT: Ladher, Robert
TITLE OF INVENTION: BINDING PREPIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX.-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 103; DB 11;
Best Local Similarity 100.0%; Pred. No. 8.9e-08;
Matches 16; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        / match 94.2%; Score 97; DB 11; Local Similarity 81.2%; Pred. No. 6.2e-07; les 13; Conservative 3; Mismatches A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 4
US-09-825-517A-42
Sequence 42, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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US-09-825-517A-62
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Best Local S
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARR: FASHESEQ for Windows Version 4.0
SEQ ID NO 52
                                                                                                                                                                                                                                                                                                    Query Match 93.2%; Score 96; DB 11; Length 16; Best Local Similarity 86.7%; Pred. No. 8.5e-07; Matches 13; Conservative 2; Mismatches 0; Indels
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-52
                                                                                                                                                                                                                                OTHER INFORMATION: CEA binding polypeptide
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SOFTHARRE: FastSEQ for Windows Version 4.0
SEQ ID NO 58
LENGTH: 16
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 42
LENGTH: 16
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; Sequence 58, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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; Sequence 52, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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93.2%;
Best Local Similarity 86.7%;
Matches 13; Conservative 2
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Sequence 129, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, ISBAC J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXx-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PELICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PASESEQ for Windows Version 4.0

SEQ ID NO 129
                                                                                                                                                                                                                                                                                APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93.2%; Score 96; DB 11; Length 16; 86.7%; Pred. No. 8.5e-07; 1ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 93.2%; Score 96; DB 11; Length 16; Best Local Similarity 86.7%; Pred. No. 8.5e-07; Matches 13; Conservative 2; Mismatches 0; Indels
    Indels
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US-09-825-517A-124
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  Mismatches
                                                                                                                                                                                                      Sequence 124, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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                                              1 DWICNLFKNOWFCDI 15
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    13; Conservative
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    Matches
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Sequence 74, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BIDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016_1 (3421.1055-001)

CURRENT APPLICATION NUMBER: US/09/0825,517A

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 03/541,345
PRIOR APPLICATION NUMBER: US 03/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120
LENGTH: 16
                                                                                                              Query Match
93.2%; Score 96; DB 11; Length 16;
Best Local Similarity 86.7%; Pred. No. 8.5e-07;
Matches 13; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     93.2%; Score 96; DB 11; Length 16; 86.7%; Pred. No. 8.5e-07;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
                      ; FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-58
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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                                                                                                                                                                                                           1 DWICNLFKNOWFCDI 15
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Best Local Similarity
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US-09-825-517A-120
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1 DWICNLFKNQWFCDIR 16
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US-09-825-517A-39
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 48
LIENGTH: 16
                                                                                  APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robbett C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (342.1.005-501)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 15-1
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 38
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          92.2%; Score 95; DB 11; Length 16
86.7%; Pred. No. 1.2e-06;
tive 2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-48
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US-09-825-517A-48
; Sequence 48, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
US-09-825-517A-38
Sequence 38, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWICNLFKNOWFCDI 15
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; APPLICANT: Ladner, Robert C
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Best Local Similarity 86.7
Matches 13; Conservative
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Matches 14; Conservative
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Gaps
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US-09-025-517A-145

Sequence 145, Application US/09025517A

Publication No. US20030203415A1

GENERAL INPORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 145

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               92.2%; Score 95; DB 11; Length 16; 86.7%; Pred. No. 1.2e-06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 92.2%; Score 95; DB 11; Length 16
Best Local Similarity 81.2%; Pred. No. 1.2e-06;
Best Local Similarity 81.2%; Pred. No. 1.2e-06;
Indels
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX.016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FULING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEG ID NOS: 151
SEG ID NO 132
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic 16-mer microprotein analogue
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APPLICANT: RONGON, ISSAC J
APPLICANT: Ladner, ROBERT C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR PLLING DATE: 2000-04-03
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; NUMBER OF SEQ ID NOS: 151
; SEGTAME: FastSEQ for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-39
Query Match
Best Local Similarity 100.0%; Pred. No. 1.6e-06;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps

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Cob time : 44.3 secs
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Sequence 13, Appl.
Sequence 13, Appl.
Sequence 22, Appl.
Sequence 27, Appl.
Sequence 27, Appl.
Sequence 37, Appl.
Sequence 336, Appl.
Sequence 17, Appl.
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Sequence 3, Appli
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                                                                                                                                 8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-131-028A-13
US-09-252-91A-17516
US-08-194-560-2
US-08-137-227C-27
US-08-273-221A-27
US-08-29-689A-8
US-09-29-689A-8
US-09-702-705-336
US-09-614-124B-336
US-09-614-124B-336
US-09-614-124B-336
US-09-614-124B-336
US-09-589-184-336
US-09-589-184-336
US-09-128-995-1
US-08-128-995-1
US-08-305-790B-4
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US-09-000-041A-2
US-09-211-704A-10
US-08-469-260A-82
US-08-46-82
US-08-46-82
US-09-467-344A-82
US-09-328-352-5022
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                                                                                                                                                                                                                                                                                                                                                                                                 389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                            sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                US-09-825-517A-121
103
1 DWICNLFKNQWFCDIR 16
                                                                                       - protein search, using
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Maximum DB seq length: 200000000
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Query
Match Length DB
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Sequence 2, Appli Sequence 14, Appl Sequence 33, Appl Sequence 42, Appl Sequence 42, Appl Sequence 42, Appl Sequence 43, Appl Sequence 44, Appl Sequence 44, Appl Sequence 44, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 22, Appl Sequence 22, Appl Sequence 22, Appl Sequence 22, Appl Sequence 22, Appl Sequence 22, Appl		õ	gth 478; Indels 0; Gaps 0;		
989 2 US-09-587-811A-2 989 2 US-08-070-301-14 13 1 US-08-261-660A-33 13 4 US-09-280-909A-42 13 4 US-09-280-909A-33 13 5 PCT-US94-06931-33 13 5 PCT-US94-06931-42 22 1 US-08-372-783-237 22 1 US-08-372-783-237 22 1 US-08-372-783-237 22 4 US-09-119-263-237 22 5 PCT-US94-06931-44 22 5 PCT-US94-06931-44 22 5 PCT-US94-06931-44 22 5 PCT-US94-06931-44 22 5 PCT-US94-06931-42 23 1 US-08-261-660A-22 27 4 US-09-280-909A-22 27 5 PCT-US94-06931-22 27 1 US-08-261-660A-22 27 2 US-08-261-660A-22 27 3 US-08-261-660A-22 27 4 US-09-280-909A-22 27 5 PCT-US94-06931-22	ALIGNMENTS	23A-2 2, Application US/09137223A 3, 6420525 TY E420525 TY Deisher Theresa A TY Deisher, Theresa A TY NUNCHTION: 2GCL-1 TRENCE: 97-18 APPLICATION NUMBER: US/09/137,223A FILING DATE: 1998-08-19 FLICATION NUMBER: 06/056,130 LING DATE: 1997-08-19 FLICATION NUMBER: 06/056,130 LING DATE: 1997-08-19 FRICATION NUMBER: 06/056,130 LING DATE: 1997-08-19 FRICATION NOWER: 06/056,130 LING DATE: 1998-08-19 FRICATION NOWER: 06/056,130 FRICATION NOWER: 06/056,130 FRICATION NOWER: 06/056,130 FRICATION NOWER:	5%; Score 50; DB 4; Len 5%; Pred. No. 12; 6; Mismatches 4;	16	ULT 2  equence 3, Application US/09131028A  atent No. 6287866  ENERGAL INFORMATION:  APPLICANT: Mikerji, Pradip  APPLICANT: Lemmel, Steven A.  APPLICANT: Chaudhary, Sunita  ITILE OF INVENTION: BETA-CASEIN EXPRESSING  CURRENT SETSENCE: 6004.US.Pl  CURRENT PPLICATION NUMBER: US/09/131,028A  CURRENT PPLICATION NUMBER: US 08/064,440  PRIOR APPLICATION NUMBER: US 08/064,440  PRIOR FILING DATE: 1939.05-21  WINDER OF SEQ ID NOS: 22  SOFTWARE: FASTSEQ for Windows Version 4.0
ж. н.			y Match Local Similarity 37. nes 6; Conservative	1 DWICNLFKNOWFCDIR : :::    :  322 EWLSSVYKQOWFAMLR	SULT 2 5:09-131-028A-3 5:09-131-028A-3 Factoric 3, Application US/09131028A Patent No. 6287866 GENERAL INFORMATION: APPLICANT: Abbott Laboratories APPLICANT: Leomat', Pradip APPLICANT: Leomat', Amanda Eun-Yeo: APPLICANT: Leomat', Amanda Eun-Yeo: APPLICANT: Chaudhary, Sunita TITLE OF INVENTION: BETA-CASEIN EXP: FILE REFREENCE: 6004-US:P1 CURRENT APPLICATION NUMBER: US/09/1 CURRENT APPLICATION NUMBER: US/09/1 CURRENT EILING DATE: 1998-08-07 PRIOR FILLING DATE: 1998-05-21 NUMBER: OF SEQ. ID NOS: 22 SOFTWARE: FRSENCE for Windows Versi
70000000000000000000000000000000000000		RESULT 1 US-09-137- Sequence Facent N GENERAL APPLICAL APPLICAL FILE RE CURRENT FILE RE CURRENT FRICH RE FRICH RE CURRENT FRICH RE FRICH RE SOFTWARE SOFTWARE SEQ ID W TYPE:	Query Ma Best Loc Matches	S G	RESULT 2 US-09-121 Sequence Sequence Patent NG GENERAL APPLICAN APPLICAN APPLICAN APPLICAN TITLE OF TI

SEQ ID NO

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                                                                                                                  US-09-029-213B-22

Sequence 22, Application US/09029213B

Patent No. 6180098

GENERAL INFORMATION:

APPLICANT CHRISTIAN, Peter D.

TITLE OF INVENTION:

TITLE OF INVENTION:

EXPRESSING HETEROLOGOUS DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
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APPLICANT: Campbell, Judith L.
APPLICANT: Budd, Martin E.
TITLE OF INVENTION: B-Type DNA Polymerases
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                      CAPPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BLM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/029,213B
FILING DATE: 31-ANG-1998
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH HYOSUK KIM
REGISTRATION NUMBER: 41,425
REFERENCE/DOCKET NUMBER: 50179-048
TELEPHONE: 202-756-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 44.5;
Pred. No. 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            115 WFCFSDIFKCHDENKLFRKFWKCDIK 140
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                                                                                                                                                                                                                                                                                                          ADDRESSEE: McDermott, Will & Emery
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-194-560-2; Sequence 2, Application US/08194560; Patent No. 6255062; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER PADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPUTER:
                                                                                                                                                                                                                                                                                                                           STREET: 600 13th Street, NW CITY: Washington STATE: District of Columbia COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 202-756-8087
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       43.2%;
30.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 181 amino acids TYPE: amino acid
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Best Local Similarity 30.00
100 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
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CORRESPONDENCE ADDRESS:
                                      54 WICNLFAN 61
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2 WICNLFKN
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Sequence 17516, Application US/09252991A

Sequence 17516, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

ADPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERENCE: 107196.136

CURRENT PAPLICATION NUMBER: US 60/074,788

PRIOR PRILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-28

PRIOR FILING DATE: 1998-02-28

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 17516

LENGTH: 612
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43.7%; Score 45; DB 4; Length 612;
Best Local Similarity 87.5%; Pred. No. 80;
Matches 7; Conservative 0; Mismatches 1; Indels
                                                                                                 DB 3; Length 215; 10;
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Pred. No. 10;
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                                                                                                                                            4; Indels
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APPLICANT: Abboratories
APPLICANT: Lemmel, Bradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Lemmel, Steven A.
APPLICANT: Chaudhary, Sunita
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
FILE REFERENCE: 6004.US.Pl
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT APPLICATION NUMBER: US/09/131,028A
PRIOR PILING DATE: 1993-05-21
                                                                                                                                          Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 215
                                                                                                     Score 48;
Pred. No.
                                                                                                                                                                                                                                                                                                                         Sequence 13, Application US/09131028A
Patent No. 6287866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Pseudomonas aeruginosa
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                                                                                                 Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
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Best Local Similarity 42.9
Matches 6; Conservative
                   TYPE: PRT
ORGANISM: Homo sapiens
US-09-131-028A-3
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US-09-131-028A-13
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US-09-131-028A-13
LENGTH: 215
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Sequence 8, Application US/08828488
Patent No. 5925521
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                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: Artificial sequence
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APPLICANT: Bandman, Olga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 WICNLFKNOWFCD 14
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Matches 5, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Patent No. 6608028
US-09-723-251A-27
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US-08-828-488-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
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APPLICANT: Cochran, Andrea G.
APPLICANT: Cochran, Henry B.
APPLICANT: Edwman, Henry B.
APPLICANT: Rebinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFREENCE: P107122.rev
CURRENT APPLICANTON NUMBER: US/09/337,227C
CURRENT PILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR PILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: US 08/825,852
PRIOR APPLICATION NUMBER: US 08/825,852
PRIOR PILING DATE: 1997-04-04
SRIOR APPLICATION NUMBER: US 08/825,852
PRIOR PLING DATE: 1997-04-04
SRIOR APPLICATION NUMBER: US 08/825,852
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                SOFTWARE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/194,560
FILING DATE: 14-FEB.1994
CLASSIFICATION: 435
ATTONREY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-59515/RFT/RMS
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1017099
TELEEX: 910,277299
TELEX: 910,277299
TELEX: 910,277299
SEDUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 42.7%; Score 44; DB 3; Le
Best Local Similarity 31.2%; Pred. No. 1.1e+02;
Matches 5; Conservative 6; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: OTHER INFORMATION: Sequence is synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 27, Application US/09337227C Patent No. 6420518 GENERAL INFORMATION: APPLICANT: Chen, Yvonne May-Yee APPLICANT: Clark, Ross G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 8
US-09-723-251A-27
Sequence 27, Application US/09723251A
; Patent No. 6608028
OPERATING SYSTEM: PC-DOS/MS-DOS
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TYPE: anino acids
TOPOLOGY: li--
(OLECTHE)
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                                                                                                                                                                                                                                                                                                                                                                                                                            ; MOLECULE TYPE: protein US-08-194-560-2
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Best Local Similarity
Matches 5, Conserv
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US-09-337-227C-27
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APPLICANT: Clark, Rose G.

APPLICANT: Clark, Andrea G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Lowman, Henry B.
APPLICANT: Skalton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REPERRENCE: P1071P2C1.2Rev
CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 2000-11-27
FRIOR PAPLICATION NUMBER: US 09/337,227
FRIOR FILING DATE: 1997-06-22
FRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51

LENGTH: 21

TYPE. PT.
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ADDRESSEE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Sequence is synthesized
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APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Cali, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PF-0241 US
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US-09-736-457-336
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                   Score 42; DB 2;
Pred. No. 1.7e+02;
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SOFTWARE: FSSIGSO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,689A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hilman, Jennifer L.
APPLICANT: Hilman, Jennifer L.
APPLICANT: Hilman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Bilings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0241 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 8, Application US/09299689A Patent No. 6379913
                              LENGTH: 480 amino acids
TYPE: amino acids
TYPE: amino acid
TYPE: amino aci
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                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
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INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 480 amino acids
TYPE: amino acid
STRANDEDNESS: single
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           400 DMACNEMGDEWEVD 413
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SEQUENCE CHARACTERISTICS
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MEDIUM TYPE: Diskett
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; CLONE: 190283
US-09-299-689A-8
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US-09-299-689A-8
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                                                                                                                                                                    APPLICANT: Fan, Liquin TITLE OF INVENTION: Liquin TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121-478614 CURRENT APPLICATION NUMBER: US/09/702,705 CURRENT FILING DATE: 2000-10-30 NUMBER OF SEQ ID NOS: 1833 SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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                                                                                                                                                                                                                                                                                                                                                                                         Query Match

Query Match

Best Local Similarity 42.9%; Pred. No. 1.7e+02;

Matches 6; Conservative 2; Mismatches 6;
Sequence 336, Application US/09702705 Patent No. 6504010 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 336, Application US/09736457
Patent No. 6509448
GENERAL INFORMATION:
                                             APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
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US-09-702-705-336
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ORGANISM: Homo sapiens
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1 DWICNLFKNOWFCD 14

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Gaps

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1 DWICNLFKNOWFCD 14

us-09-825-517a-121.rai

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APPLICANT: Mannion, Jane
APPLICANT: Fan, Lidgun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REPERENCE: 21012.1.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
LENGTH: 480
                                                                                                                              Sequence 336, Application US/09614124B
Factor No. 6630574
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitenya S.
APPLICANT: Farger, Gary
APPLICANT: Pedvick, Tom
APPLICANT: Pedvick, Tom
APPLICANT: Retter, Marc
APPLICANT: NUVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
FILLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILLE OF INVENTION: DIAGNOSIS OF LUNG
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-671-325-336; Sequence 336, Application US/09671325; Patent No. 6667154; GENERAL INPORMATION: APPLICANT: Wang, Tongtong; APPLICANT: Bangur, Chaitanya S.; APPLICANT: Eodes, Michael A.; APPLICANT: Fanger, Gary
| | | ::|| |
400 DMACNFMGDEWFVD 413
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DMACNFMGDEWFVD 413
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Best Local Similarity 42.9
Matches 6; Conservative
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Matches 6; Conservative
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Vedvick, Tom
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ORGANISM: Homo sapiens
                                                                                                                      US-09-614-124B-336
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APPLICANT:
APPLICANT:
APPLICANT:
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RESULT 15
US-09-289-184-336
| Sequence 336, Application US/09589184
| Patent No. 6686447
| GENERAL INFORMATION:
| APPLICANT: Bangur. Chaitanya S. APPLICANT: Brager, Carlet Michael A. APPLICANT: Reter. Dark, Tongtong
| APPLICANT: Reter. Dark, Tongtong APPLICANT: Carlet. Dark, Tongtong APPLICANT: Carlet. Dark, Tongtong APPLICANT: Carlet. Dark, Tongtong APPLICANT: Mannion, Jane TITLE OF INVENTION: UDAGOSIS OF LUNG CANCER APPLICANT: Mannion, Jane TITLE OF INVENTION: UDAGOSIS OF LUNG CANCER CURRENT APPLICANTON NUMBER: US/09/589,184
| TITLE OF INVENTION: UDAGOSIS OF LUNG CANCER SEQ ID NOS: 827
| NUMBER OF SEQ ID NOS: 827
| SOFTWARE: FastSEQ for Windows Version 3.0
| SOFTWARE: FastSEQ for Windows Version 3.0
| TYPE: PRT TYPE: T
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September 8, 2004, 12:53:30; Search time 44.3 Seconds (without alignments) 113.793 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Published Applications AA:*

| cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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15: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1298764 segs, 315065143 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                            OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                   US-09-825-517A-120
106
1 DWVCNLFKNQWFCDVH 16
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                   Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Database
                                                                                                                                                                                                   Run on:
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		Description	Sequence 120, App	42.	52	28	62.	74	124	129		45	121.	38.	46.	84	132,	
COLUMNIES		D	US-09-825-517A-120	US-09-825-517A-42	US-09-825-517A-52	US-09-825-517A-58	US-09-825-517A-62	US-09-825-517A-74	US-09-825-517A-124	US-09-825-517A-129	US-09-825-517A-64	US-09-825-517A-45	US-09-825-517A-121	US-09-825-517A-38	US-09-825-517A-46	US-09-825-517A-84	US-09-825-517A-132	
			11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
	Query	Length	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
ok	Query	Match	100.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	91.5	90.6	9.06	9.68	9.68	9.68	9.68	
		Score	106	98	98	96	86	98	86	86	97	96	96	95	95	95	95	
	Result	No.	н	7	m	4	2	9	7	80	6	10	11	12	13	14	15	

Seguence 145, App	48	53	73,	77.	81,	83,	e 136,	39	47,	e 50,	57,	69 a	89	119	128	131	134	37,	Sequence 41, Appl	43,	98	61,	99	66	40,	71,	108,	79	
-82	-825-5	5	-09-825-	US-09-825-517A-77	-09-825-	US-09-825-517A-83	- 1	US-09-825-517A-39	09-825-	US-09-825-517A-50	09-825-	5	19-825-	US-09-825-517A-119	US-09-825-517A-128	US-09-825-517A-131	US-09-825-517A-134	-09-825-	-09-82	-09-B	-09 - 82	-09-82	US-09-825-517A-66	US-09-825-517A-99	US-09-825-517A-40	- 1	US-09-825-517A-108	US-09-825-517A-79	US-09-825-517A-92
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	17	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
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16	17	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
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                 Sequence 120, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 106; DB 11;
100.0%; Pred. No. 2.7e-08;
ative 0; Mismatches 0;
                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 DWVCNLFKNQWFCDVH 16
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Best Local Similarity 100.
Matches 16; Conservative
US-09-825-517A-120
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US-09-825-517A-42
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Sequence 42, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:

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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASUSEQ for Windows Version 4.0
SEQ ID NO 58
LENGTH: 16
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-825-517A-62
; Sequence 62, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 15; Conservative
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                                                                                                                                                                                        FEATURE:
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                        APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CRA)

FILE REFERENCE: DXA-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFWWARE: RastSEQ for Windows Version 4.0

SEQ ID NO : SEQ ID NO : LENGTH: 16
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT PILITIG DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR PILITO DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 52

LENGTH: 16
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| Sequence 58, Application US/09825517A
| Publication No. US20030203415A1
| Publication No. US20030203415A1
| GENERAL INFORMATION:
| APPLICANT: Rondon, Issac J
| APPLICANT: Ladner, Robert C
| TITLE OF INVENTION: ANTIGEN (CEA)
| TITLE OF INVENTION: ANTIGEN (CEA)
| FILE REPERENCE: DXX-016.1 (3421.1005-001)
| CURRENT APPLICATION NUMBER: US/09/825,517A
| CURRENT FILING DATE: 2003-03-24
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100.0%; Pred. No. 3.7e-07;
tive 0; Mismatches 0;
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100.0%; Pred. No. ...
0; Mismatches
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US-09-825-517A-52
US-09-825-517A-52
Sequence 52, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: FORGON DARRET C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 15; Conservative
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Matches 15; Conservative
               APPLICANT: Rondon, Issac J
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; Sequence 74, Application US/09825517A
; Sequence 74, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: 2003-03-24
; PRIOR APPLICATION UNMBER: US 09/541,345
; PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0225,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 16;
                                                                                  92.5%; Score 98; DB 11; Length 16; 100.0%; Pred. No. 3.7e-07; Artive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 3.7e-07;
Matches 15; Conservative 0; Mismatches 0;
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OTHER INFORMATION: CEA binding polypeptide
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 74
LENGTH: 16
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                                                                                                                                                                                                     Sequence 64, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Ladner. Robert C

TITLE OF INVENTION: BINDING PEFTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: BINDING PEFTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-825-517A-45

Sequence 45, Application US/09825517A

Sequence 45, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   91.5%; Score 97; DB 11; Length 16; 81.2%; Pred. No. 5.1e-07; cive 2; Mismatches 1; Indels
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           Indels
           ;
         Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 16
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Best Local Similarity 81.2%
                                                                                 1 DWVCNLFKNQWFCDV
                                                    1 DWVCNLFKNQWFCDV
         15; Conservative
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Best Local Similarity
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         Matches
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; Sequence 124, Application US/09825517A
; Publication No. US20330203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 09/541,345
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 129, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 129
                                                                                                                    Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            92.5%; Score 98; DB 11; Length 16; 100.0%; Pred. No. 3.7e-07; Live 0; Mismatches 0; Indels
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                                                                                                                                                               0; Indels
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US-09-825-517A-124
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                                                                                                                Score 98; DB 11; I
Pred. No. 3.7e-07;
                                                                                   Query Match 92.5%; Score 98; Db
Best Local Similarity 100.0%; Pred. No. 3.7
                                      ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-74
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                    1 DWVCNLFKNQWFCDV 15
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Best Local Similarity 100.0
Matches 15; Conservative
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Best Local Similarity
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US-09-825-517A-129
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: RIDIDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: 025/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Mindows Version 4.0
SEQ ID NO 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89.6%; Score 95; DB 11; Length 16; 87.5%; Pred. No. 9.7e-07; tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                Length 16;
                                                                                                                                                                                                                                                                                                                                                                                             89.6%; Score 95; DB 11; Length 16
93.3%; Pred. No. 9.7e-07;
wismatches 0; Indels
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA) FILE REFERENCE: DYX-016.1 (3421.1005-001) CURRENT APPLICATION NUMBER: US/09/825,517A CURRENT FILING DATE: 2003-03-24 PRIOR PILING DATE: 2003-04-03 PRIOR PILING DATE: 2000-04-03 SOFTWARE: FASTSEQ for Windows Version 4.0 SEQ ID NO9: 151
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/025,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-825-517A-84
; Sequence 84, Application US/09825517A; Publication No. US20030203415A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.3*
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Matches 14; Conserv
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US-09-825-517A-132
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                                                 Sequence 12.1. Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, 188ac J

TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DX.-016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PELICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 121
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-825-517A-38

; Sequence 38, Application US/09825517A
; Publication No. US20030203415A1
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT RILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 09/541,345
; PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 96; DB 11;
Pred. No. 7e-07;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 151
SOFTWARES FastSEQ for Windows Version 4.0
SEQ ID NO 38
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     90.68;
86.78;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 DWVCNLFKNQWFCDV 15
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APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14; Conservative
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US-09-825-517A-46
                                       US-09-825-517A-121
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ ID NO 132
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-132
Query Match
Best Local Similarity 93.3%; Pred. No. 9.7e-07;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy I DWVCNLFKNQWFCDV 15
I DWMCNLFKNQWFCDV 15
Db I DWMCNLFKNQWFCDV 15
Search completed: September 8, 2004, 14:25:07
Job time: 44.3 secs
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Sequence 3, Appli
Sequence 13, Appli
Sequence 175, Appli
Sequence 27, Appli
Sequence 27, Appli
Sequence 8, Appli
Sequence 336, Appli
Sequence 136, Appli
Sequence 136, Appli
Sequence 11, Appli
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Sequence 5022, Ap
Sequence 447, App
Sequence 9, Appli
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Sequence 361, App
Sequence 2, Appli
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                                                                       8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
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Sequence 22,
Sequence 5022
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// cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
// cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
// cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
// cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
// cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
// cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-337-227C-27
US-09-337-227C-27
US-08-828-488-8
US-09-299-689A-8
US-09-702-705-336
US-09-614-124B-336
US-09-614-124B-336
US-09-671-325-336
US-09-671-325-336
US-09-671-325-336
US-09-89-184-336
US-08-816-241-1
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US-08-834-655-9
US-08-834-033A-10
US-09-363-574-9
US-09-363-526-9
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US-08-311-731A-361
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US-09-029-213B-22
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Maximum Match 100%
Listing first 45 summaries
                                                   sw model
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106
1 DWVCNLFKNQWFCDVH 16
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Maximum DB seq length: 200000000
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2000HUUUUUUUUA44444 8000HUUUUUUUA44444 1000HUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	RESULT 1 US-09-131-028A-3 ; Sequence 3, Applicat ; Patent No. 6287866 ; GENERAL INFORMATION ; APPLICANT: Abbott 1 ; APPLICANT: Lemmel, ; APPLICANT: Lemmel, ; APPLICANT: Lemmel, ; APPLICANT: Lemmel, ; TITLE OF INVENTION; ; TITLE OF INVENTION; ; FILE REPERENCE: 600 ; CURRENT APPLICATION ; CURRENT APPLICATION ; CURRENT APPLICATION ; PRIOR APPLICATION ; SEQ ID NO. 3 ; LENGTH: 215 ; SEQ ID NO. 3 ; LENGTH: 215 ; TYPE: PRT ; ORGANISM: Homo sap	Query Match  Best Local Similarity 50.0  Matches 7; Conservative  Oy 2 WVCNLFKNOWFCDV 1  Db 12 WFCGLRGNEFFCEV 2  US-09-131-028A-13  Sequence 13, Application US/ Patent No. 6287866  Batent No. 6287866  GENERAL INFORMATION: APPLICANT: Abbott Laborator APPLICANT: Lemmel, Steven AP
	ALI  1-028A-3 ce 3, Application US/09131028A No. 6287866 L INCERATION: CANT: Abbott Laboratories CANT: Mukerji, Pradip CANT: Lemmel, Steven A. CANT: Lemmel, Steven A. CANT: Lenmerly, Sunita CANT: Chaudhary, Sunita CP INVENTION: BETA-CASEIN EXPR REFERENCE: 6004.US.Pl NT FILING DATE: 1998-08-07 APPLICATION NUMBER: US 08/064, FILING DATE: 1998-05-21 NT FILING DATE: 1993-05-21 NT FILING DATE: 1993-05-21 NO 3 TH: 215	### 45.3%;    Conservative   3
$\alpha$	pplication US/09131(818786 #MATION: bbott Laboratories Mukerji, Pradip Lemmel, Steven A. Leonard, Amanda Eun- Chaudhary, Sunita THITON: BETA-CASEIN ICE: 6004 US. Pl ICATION NUMBER: US/( MATION NUMBER: US/( MATION NUMBER: US 08, DATE: 1993-05-21 StEEQ for Windows VE STEEQ for Windows VE Gomo sapiens	ilarity 50.0%; Conservative CNLFKNOWFCDV 15
12222222222222222222222222222222222222	ation US/0913 4: Laboratories 1; Pradip 1; Steven A. 1d, Amanda B. 1d, Amanda B. 1d, Amanda B. 1d, Amanda B. 1d, Steven B. 1d, S	45.3 50.0 ctive CDV 1 CEV 2 cred 2 cred 2 suni Suni Suni MBER: MBER: 11998-
US-09-439- US-09-227- US-08-213- US-09-227- US-09-237- US-09-237- US-09-237- US-09-227- US-09-237-	р д , <del>4</del> ц	## Score 48; DB ## Spred. No. 10; ## Spred. No.
99-261-20 33-419B-13 33-419B-13 39-261-13 39-261-14 39-261-16 39-261-16 39-261-11 39-261-11 77-613-12 77-613-12 79-261-43 88-88-3 89-261-43 79-261-43 79-261-43	MENTS SING CONSTRUCTS 028A 00 4.0	DB 3; 10; 4 ches 4 NG CONSTR
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APPLICANT: Clark, Ross G.
APPLICANT: Cochtan, Andrea G.
APPLICANT: Cochtan, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Robinson, Nicholas J.
ITILE OF INVENTION: NICHOLIAS J.
ITILE OF INVENTION: NUMBER: US/09/723,251A
CURRENT APPLICATION NUMBER: US 09/337,227
PRIOR APPLICATION NUMBER: US 09/337,227
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 08/825,852
PRIOR APPLICATION NUMBER: US 08/825,852
                                                                                                                                                                                                   APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Lownan, Henry B.
APPLICANT: Lownan, Henry B.
APPLICANT: Lownan, Nicholas J.
TILE REFERENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
CURRENT FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR PILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR PILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
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Pred. No. 4.9;
1; Mismatches
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US-09-723-251A-27
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                                                                                                                                                 Sequence 27, Application US/09337227C Patent No. 6420518
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ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ouery Match
Best Local Similarity 46.2
Best Local 6; Conservative
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  2 WVCNLFKN
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US-09-337-227C-27
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US-09-723-251A-27
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APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERCIGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERENCE: 107196_136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT PILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17516
LENGTH: 612
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patent No. 6420525
GENERAL INCPEMATION:
APPLICANT: Yee, David P

APPLICANT: Yee, David P

TITLE OF INVENTION: TECTIS. SPECIFIC TRANSCRIPTION FACTOR

TITLE OF INVENTION: ZGCL-1

FILE REFERENCE: 97-18

CURRENT APPLICATION NUMBER: US/09/137,223A

CURRENT FILING DATE: 1998-08-19

PRIOR APPLICATION NUMBER: 06/056,130

PRIOR FILING DATE: 1997-08-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 41.5%; Score 44; DB 4; Length 612; Best Local Similarity 75.0%; Pred. No. 1.18+02; Matches 6; Conservative 1; Mismatches 1; Indels
                                                                                                                                                 Score 48; DB 3; Length 215;
Pred. No. 10;
3; Mismatches 4; Indels
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62;
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 478
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              42.5%; Score 45; 41.7%; Pred. No.
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17516
                                                                                                                                                    Query Match
Best Local Similarity 50.0%;
Matches 7; Conservative
                                                                                                                                                                                                                                       2 WVCNLFKNOWFCDV 15
                                                                                                                                                                                                                                                                                 12 WFCGLRGNEFFCEV 25
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Best Local Similarity 41.7
Matches 5; Conservative
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                                                                                   CRGANISM: Homo sapiens
US-09-131-028A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: homo sapiens
US-09-137-223A-2
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US-09-252-991A-17516
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US-09-137-223A-2
                      SEQ ID NO 13
                                                                   TYPE: PRT
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APPLICANT: Mannion, Jane
APPLICANT: Fannion, Jane
APPLICANT: Fann, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
NUMBER OF SEQ ID NOS: 1893
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette COMPUTER: Diskette COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: FASISEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,689A FILING DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,488
FILING DATE:
APPLICATION NUMBER: 08/828,488
FILING DATE:
APPLICATION NUMBER: 08/828,488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 43; DB 4; ]
Pred. No. 1.2e+02;
                      APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARROXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaccuticals, Inc.
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

Query Match

Best Local Similarity 42.9%; Pred. No. 1.2e
Matches 6; Conservative 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REPERNCE/DOCKET NUMBER: PF-0241 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 336, Application US/09702705 Patent No. 6504010
      Hillman, Jennifer L.
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Bangur, Chaitanya S.
Lodes, Michael A.
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Vedvick, Tom
Carter, Darrick
Retter, Marc
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 480 amino acid
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LIBRARY: General
Topic 190283
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APPLICANT: Wang, T
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US-09-702-705-336
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      APPLICANT:
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                                                                                                                                                                                CITY:
STATE:
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APPLICANT:
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                      Indels
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Pred. No. 1.2e+02;
2; Mismatches 6,
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SOFTWARE: Fast.SEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/828,488
APPLICATION DATA:
PRIOR APPLICATION DATA:
Best Local Similarity 46.2%; Pred. No. 4.9; Matches 6; Conservative 1; Mismatches
                                                                                                                                                                                      Sequence 8, Application US/08828488
Patent No. 5925521
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                 Incyte Pharmaceuticals, Inc
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NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0241 US

TELECHONE: 415-855-055

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/09299689A Patent No. 6379913 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 3174 Porter Drive
CITY: Palo Alto
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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                                                        2 WVCNLFKNQWFCD 14
                                                                                             3 WVCRAGPLÓWLĆE 15
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Best Local Similarity 42.93
Matches 6; Conservative
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ADDRESSEE: Incyte Ph
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STRANDEDNESS: siz
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LIBRARY: General
Tave: 190283
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USA
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Gaps

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TYPE: PRT
ORGANISM: Homo sapiens
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-614-124B-336
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US-09-589-184-336
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Ender, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Darrick
APPLICANT: Mannion, Jane
APPLICANT: Wang, Aljun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
CURRENT PELLING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
LENGTH: 480
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APPLICANT: Vedvick, Toom
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: COMPOSITIONS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICANTON NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 480
                                                                                                           Score 43; DB 4; Length 480;
Pred. No. 1.2e+02;
2; Mismatches 6; Indels
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Pred. No. 1.2e+02;
2; Mismatches 6; Indels
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Patent No. 6509448
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APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
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                                                                                                             Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
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Best Local Similarity 42.9
Matches 6; Conservative
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ORGANISM: Homo sapiens
                      ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-702-705-336
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US-09-614-124B-336
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    LENGIH: 480
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APPLICANT: Vedvick, Ton.

APPLICANT: Vetter, Darrick

APPLICANT: Retter, Marc

APPLICANT: Retter, Marc

APPLICANT: Retter, Jane

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.4780.12

CURRENT FILING DATE: 2000-09-26

NUMBER OF SEQ ID NOS: 1825

NUMBER OF SEQ ID NOS: 1825

SEQ ID NO 336

SEQ ID NO 336
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APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C8
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT FILING DATE: 2000-06-05
NUMBER OF SEQ ID NOS: 827
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
LENGTH: AB0
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     Length 480;
Query Match 40.6%; Score 43; DB 4; Length 480
Best Local Similarity 42.9%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                   ; Sequence 336, Application US/09671325; Patent No. 6667154
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; BEREAL INFORMATION:
; APPLICANT: Wang, Tongtong
                                                                                                                                                                                                                                                                                                                                                  Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
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Bangur, Chaitanya S.
Lodes, Michael A.
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400 DMACNFMGDEWFVD 413
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Vedvick, Tom
Carter, Darrick
Retter, Marc
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                                                                                                     1 DWVCNLFKNQWFCD 14
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, ORGANISM: Homo sapiens
US-09-671-325-336
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                                 40.6%; Score 43; DB 4; Length 480; 42.9%; Pred. No. 1.2e+02; Live 2; Mismatches 6; Indels
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                                                                                                                                                                                                                                Sequence 1. Application US/08816241
Patent No. 5804185
GENERAL INFORMATION:
APPLICANT: Balling Soli, Surya K.
ITLLE OF INVENTION: NOVEL RNA EDITING ENZYME
INTERPONDENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
STREET: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/816,241
FILING DATE: Filed Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 42.5; DB
Pred. No. 55;
2; Mismatches
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ATTORNEY, AGENT THEORMATION:
NAME: Billings, Lucy.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-865-055
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 1, Application US/09128395; Patent No. 6087108; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 190 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      40.1%;
28.6%;
                                                                                                                                         400 DMACNEMGDEWFVD 413
                                                                                                              1 DWVCNLFKNQWFCD 14
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APPLICANT: Goli, Surya K.
                                                                        Conservative
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Best Local Similarity 28.6
Matches 8; Conservative
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CLONE: 1646823
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid STRANDEDNESS: Si
                                                     Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           94304
US-09-589-184-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                                                                                                                                                                                                                        US-08-816-241-1
                                     Query Match
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TITLE OF INVENTION: NOVEL RNA EDITING ENZYME NUMBER OF SEQUENCES: 5
CORRESPONDENCES BADERSS: 5
STREET: 3174 Porter Drive
CITY: Palo Alco
STREET: CA
COUNTRY: USA
                                                                                                                                                           ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FastERO for Windows Version 2.0
APPLICATION DUBBR: US/09/128,395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0239 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECAX: 415-845-416
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/816,241
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               28.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 190 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-128-395-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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Search completed: September 8, 2004, 12:58:35

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8 16:40:42 2004

Wed Sep

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134, App
50, Appl
128, Appl
61, Appl
42, Appl
62, Appl
71, Appl
104, Appl
120, App
                                                                                                                                                                                                                                      8, 2004, 12:53:30 ; Search time 44.3 Seconds (without alignments) 113.793 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 119,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence Seq
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Sequence
Sequence
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| cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-825-517A-58
US-09-825-517A-57
US-09-825-517A-57
US-09-825-517A-53
US-09-825-517A-28
US-09-825-517A-61
US-09-825-517A-61
US-09-825-517A-62
US-09-825-517A-62
US-09-825-517A-62
US-09-825-517A-62
US-09-825-517A-71
US-09-825-517A-71
US-09-825-517A-71
US-09-825-517A-71
US-09-825-517A-71
US-09-825-517A-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1298764 segs, 315065143 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  109
1 DWVCNLFKNQWFCNVW 16
                                                                                                                                                                                                                                                                                                                                                                                                        US-09-825-517A-119
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Maximum DB seq length: 200000000
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Match Length
                                                                                                                                                                                                                                          September
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence:
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                                                                                                                                                                                                                                                   Run on:
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; Sequence 58, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:

RESULT 2 US-09-825-517A-58

1 DWVCNLFKNOWFCNVW 16 DWVCNLFKNOWFCNVW 16

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US-09-825-517A-134
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                                                                                                                                 TYPE: PRT
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                                                                                                                                                                        FEATURE:
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US-09-025-517A-134

Sequence 134, Application US/09825517A
Sequence 134, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
THE OF INVENTION:
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPRESENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                  95.4%; Score 104; DB 11; Length 16; 93.8%; Pred. No. 5.5e-07; cive 1; Mismatches 0; Indels
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robbert C
ITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT PAPLICATION NUMBER: US/09/925,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ladner, Robert C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOPTWARE: Fast SEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , Sequence 57, Application US/09825517A
, Publication No. US20030203415A1
, GENERAL INFORMATION:
                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCNLFKNQWFCDVW 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWVCNLFKNQWFCNVW 16
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Best Local Similarity 93.8°
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es 13; Conserva
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US-09-825-517A-57
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FRAEKSEQ for Windows Version 4.0
SEQ ID NO 50
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVERTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastESEQ for Windows Version 4.0
SEQ ID NO 53
LENGTH: 16
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Pred. No. 3.3e-06;
                                                                                                                                                                                                                                                                                 Query Match 90.8%; Score 99; DB 11; Best Local Similarity 81.2%; Pred. No. 2.4e-06; Matches 13; Conservative 2; Mismatches 1.
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 134
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 50, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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; Sequence 53, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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ilarity 100.0%; P:
Conservative 0;
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Best Local Similarity
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; Sequence 52, Application US/09825517A
; Publication NO. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: BINDING PEPTIDES
; FILE REFERENCE: DXX-016. 1 (3421.1005-001)
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
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    Indels
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FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
FRIOR FILING DATE: 2000-04-03
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    Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 42
LENGTH: 16
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, Sequence 42, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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                                             1 DWVCNLFKNOWFCN 14
                                                                                           1 DWVCNLFKNOWFCN 14
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Matches 14, Conservative
    14; Conservative
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LENGTH: 16
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US-09-02-5174-128

Sequence 128, Application US/09825517A

Sequence 128, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

FRIOR APPLICATION NUMBER: US 09/541,345

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                  Length 16;
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                                                                                                           Query Match 89.9%; Score 98; DB 11; Length 16 Best Local Similarity 87.5%; Pred. No. 3.3e-06; Matches 14; Conservative 1; Mismatches 1; Indels
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FILE REFERENCE: DYX-016 1 (34.21.1005-001)

CURRENT PAPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER: OF SEQ ID NOS: 151

SOFTWARE: FASELEEQ for Windows Version 4.0
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                   FEATURE:
COTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-53
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                                                                                                                                                                                                                                          1 DWVCNLFKNQWFCDKW 16
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ORGANISM: Artificial Sequence
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LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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Best Local Similarity
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TYPE: PRT
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Sequence 62, Application US/09825517A
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FRSESEQ for Windows Version 4.0
SEQ ID NO 71
LENGTH: 16
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93.3%; Pred. No. 1.5e-05;
tive 1; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
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, APPLICANT: Ladner, Robert C
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Matches 13; Conservative
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nes 14; Conservative
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US-09-825-517A-74
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A;
CURRENT PELICATION NUMBER: US 099/541,345;
PRIOR FILING DATE: 2000-04-03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 120, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 85.3%; Score 93; DB 11; Length 16; Best Local Similarity 93.3%; Pred. No. 1.5e-05; Matches 14; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   85.3%; Score 93; DB 11; Length 16; 92.9%; Pred. No. 1.5e-05;
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARRE: FASELEEQ for Windows Version 4.0
SEQ ID NO 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                   , OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-74
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 108
LENGTH: 16
                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15
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Best Local Similarity
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US-09-825-517A-120
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                                                                                                                                                                                                                                                                   LENGTH: 16
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FRATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-120
Query Match
Best Local Similarity 93.3%; Score 93; DB 11; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.5e-05;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps

QY | DWVCNLFKNQWFCNV 15
| DBW CNLFKNQWFCNV 15
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Search completed: September 8, 2004, 14:25:07 Job time : 45.3 secs

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PRIOR APPLICATION NUMBER: US 08/064,440
PRIOR FILING DATE: 1993-05-21
NUMBER OF SEQ ID NOS: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Appli
Sequence 13, Appli
Sequence 9, Appli
Sequence 9, Appli
Sequence 17516, A
Sequence 7, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 27, Appl
Sequence 27, Appl
Sequence 27, Appl
Sequence 22, Appl
Sequence 22, Appl
Sequence 33, Appli
Sequence 31, Appl
Sequence 22, Appl
Sequence 31, Appl
Sequence 22, Appl
                                                                            8, 2004, 12:51:54; Search time 12.2 Seconds (without alignments) 67.706 Million cell updates/sec
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                                                                                                                                                                                                                                                           389414
                                                                                                                                                                                                                                                                                                                                                                                    /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-003-289-9
PCT-0955-16435-9
US-09-522-991A-17516
US-08-671-978A-7
US-08-194-560-2
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US-08-305-7908-4
US-09-330-903C-4
US-09-723-251A-27
US-09-723-251A-27
US-09-129-366-22
US-09-128-352-7525
US-09-252-991A-30111
US-08-530-792D-23
US-08-530-792D-23
US-08-530-792D-23
US-08-530-792D-23
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PCT-US91-02166-10
PCT-US91-02250-1
US-08-037-816A-22
US-08-037-816A-18
                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                             389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SUMMARIES
                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                  OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                           1 DWVCNLFKNQWFCNVW 16
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                                                                                                                                  US-09-825-517A-119
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Maximum DB seq length: 2000000000
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Match Length DB
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                                                                                                                                                                                    Scoring table:
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                                                                             Run on:
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No.
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Sequence 18, Appl Sequence 4, Appl Sequence 17, Appl Sequence 8, Appl Sequence 8, Appli Sequence 8, Appli Sequence 18, Appli Sequence 14, Appl Sequence 14, Appl Sequence 14, Appl Sequence 11, Appl Sequence 26, Appl Sequence 27, Appl Sequence 2, Appli Sequence 2, Appli		Length 215; ; Indels 0; Gaps 0; UCTS
US-08-530-146-18 US-07-916-098A-4 US-09-796-202-17 US-08-88-817-441-48 US-08-589-446-8 US-08-444-882-8 US-08-389-459A-8 US-08-987-867A-8 US-08-987-816A-14 US-08-037-816A-14 US-08-530-146-14 US-08-530-146-14 US-08-530-146-14 US-08-530-146-14 US-08-530-146-14 US-08-530-146-14 US-08-537-140-17 US-08-679-490-11 US-08-679-490-11 US-08-679-490-11 US-08-172-510-2 US-08-172-510-2 US-08-172-240A-10	MENTS SING CONSTR 028A 0	DD 3; Sistem 15; CONSTRING
36.2 36.2 36.2 4 491 36.2 36.2 36.2 36.2 36.2 36.2 36.2 36.2	pplication mydication	42.2. y 50.0 rvative
228 330 340 344 344 344 344 344 344	RESULT 1 US-09-131-028A- Sequence 3, A Patent No. 62 GENERAL INFORM APPLICANT: APPLICANT	Query Match Matches 7; Conse  Qy 2 WVCNLFW  Qy 2 WVCNLFW  Db 12 WFCGLRGN  RESULT 2  US-09-131-028A-13  Sequence 13, Applica  RESULT 2  GENERAL INFORMATION  APPLICANT: Abbott L  APPLICANT: Abbott L  APPLICANT: Abbott L  APPLICANT: Chaudha  TITLE OF INVENTION:  TITLE OF INVENTION:  FILE REFERENCE: 600  CURRENT FILLING DATE  CURRENT FILLING DATE  CURRENT FILLING DATE  CURRENT FILLING DATE

. 0

Gaps

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Indels

Length 498;

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GENERAL INFORMATION:
APPLICANT: Civin, Curt I.
APPLICANT: Civin, Curt I.
APPLICANT: Small, Donald
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE KINASE, JAK3
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Version #1.30
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Pred. No. 1.5e+02;
3; Mismatches 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                  40.4%; Score 44; DB 1;
46.2%; Pred. No. 1.5e+02
Live 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              07265/033001
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CIASTRICATION:
PRIOR APPLICATION NUMBER: US/08/357,598
FILING DATE: 15-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/0330
TELEPHONE: 619/678-5070
TELEPHONE: 619/678-509
; INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
'PWATTH: 498 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
COMPUTER: 1EM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Paceful In Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/003,289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        No. 5916792 Relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 9, Application US/09003289; Patent No. 5916792
NAME: Haile, Liga A.

REGISTRATION NUMBER: 38,347

REFERENCE/DOCKET NUMBER: 07265

TELECOMMUNICATION INFORMATION:
TELEPRAN: 619/678-5099
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 498 amino acids
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                                                                                                                                                                                                                               LENGTH: 498 amino acids
TYPE: amino acid
STRANDEDNESS: not releva
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Best Local Similarity 46.2
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6; Conservative
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                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: protein
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US-08-357-598-9
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US-09-003-289-9
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Pred. No. 1.1e+02;
5; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:

APPLICANT: Yee, David P
APPLICANT: Yee, David P
APPLICANT: Deisher. Theresa A
TITLE OF INVENTION: TEGILS.SPECIFIC TRANSCRIPTION FACTOR
TITLE OF INVENTION: 2GCL-1
FILE REFERENCE: 97-18
CURRENT APPLICATION NUMBER: US/09/137,223A
CURRENT FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: 06/056,130
PRIOR APPLICATION NUMBER: 
                                                                                                                                                                                                              42.2%; Score 46; DB 3; Length 215; 50.0%; Pred. No. 35; ive 2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Civin, Curt I.
APPLICANT: Small, Donald
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE KINASE, JAK3
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPREATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/357,598
FILING DATE: 15-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5; Mismatches
              SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09137223A
Patent No. 6420525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/08357598 Patent No. 5705625
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                                                                                                                                                                                                                                                                                                                                     2 WVCNLFKNOWFCNV 15
                                                                                                                                                                                                                                                                                                                                                                                           12 WFCGLRGNEFFCEV 25
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                                                                                                                                                                                            Query Match
Best Local Similarity 50.v.
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                                                                                                     TYPE: PRT
CRGANISM: Homo sapiens
US-09-131-028A-13
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Best Local Similarity
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CLASSIFICATION:
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COUNTRY: US.
ZIP: 92037
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US-09-137-223A-2
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US-08-357-598-9
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